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ROLLAMO

ROLLAMO



VOL. 14 - 1920
Published
annually by the
students of the
Missouri School
of Mines and
Metallurgy

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ROLL AMO

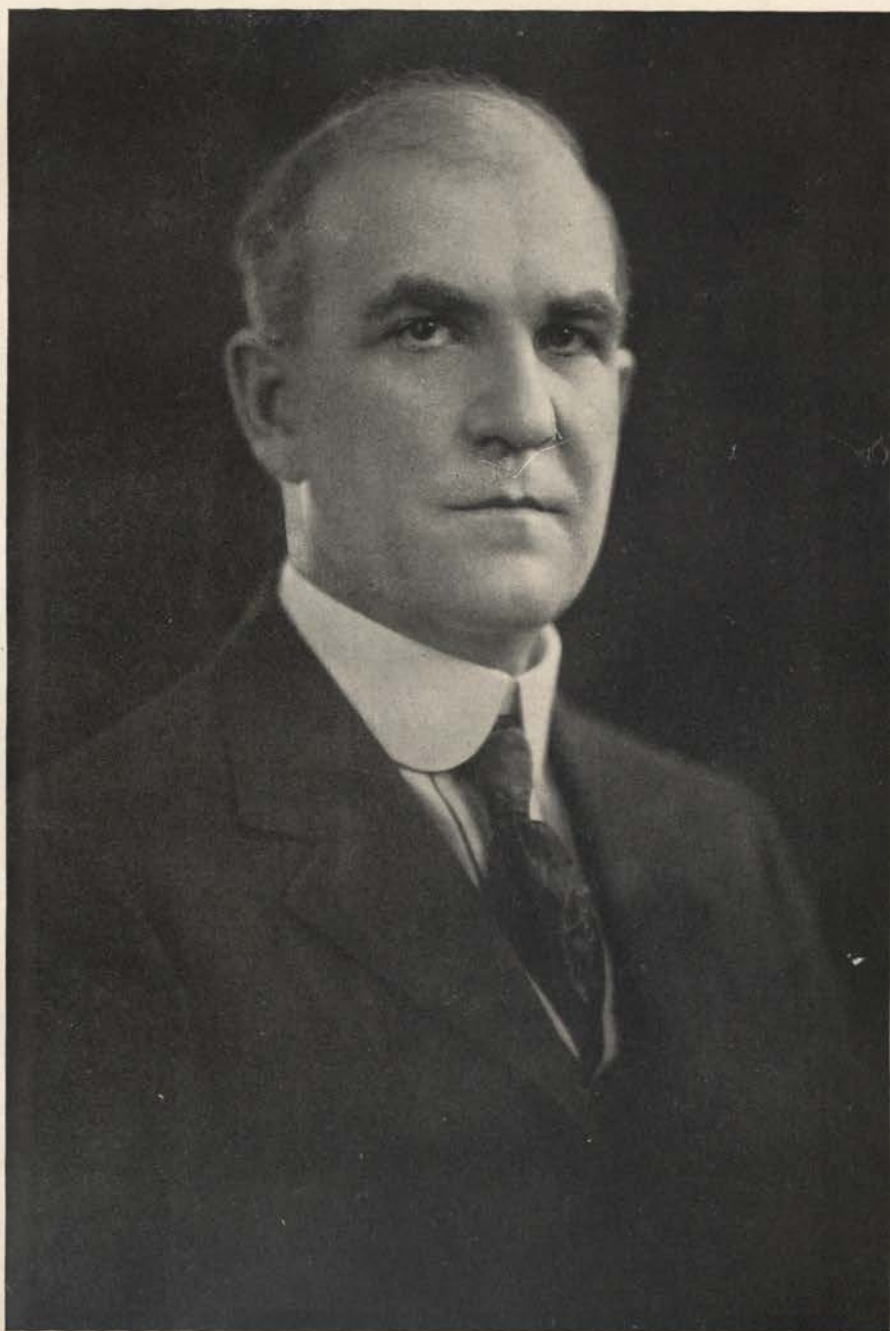
To H. A. Buehler

*Of his community and country a good citizen;
Of scientific organizations a member of recognized worth;
Of the Missouri School of Mines a hearty supporter;
Of every worthy student a staunch and loyal friend;*

*This volume is affectionately
dedicated*



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~~MS~~

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Foreword

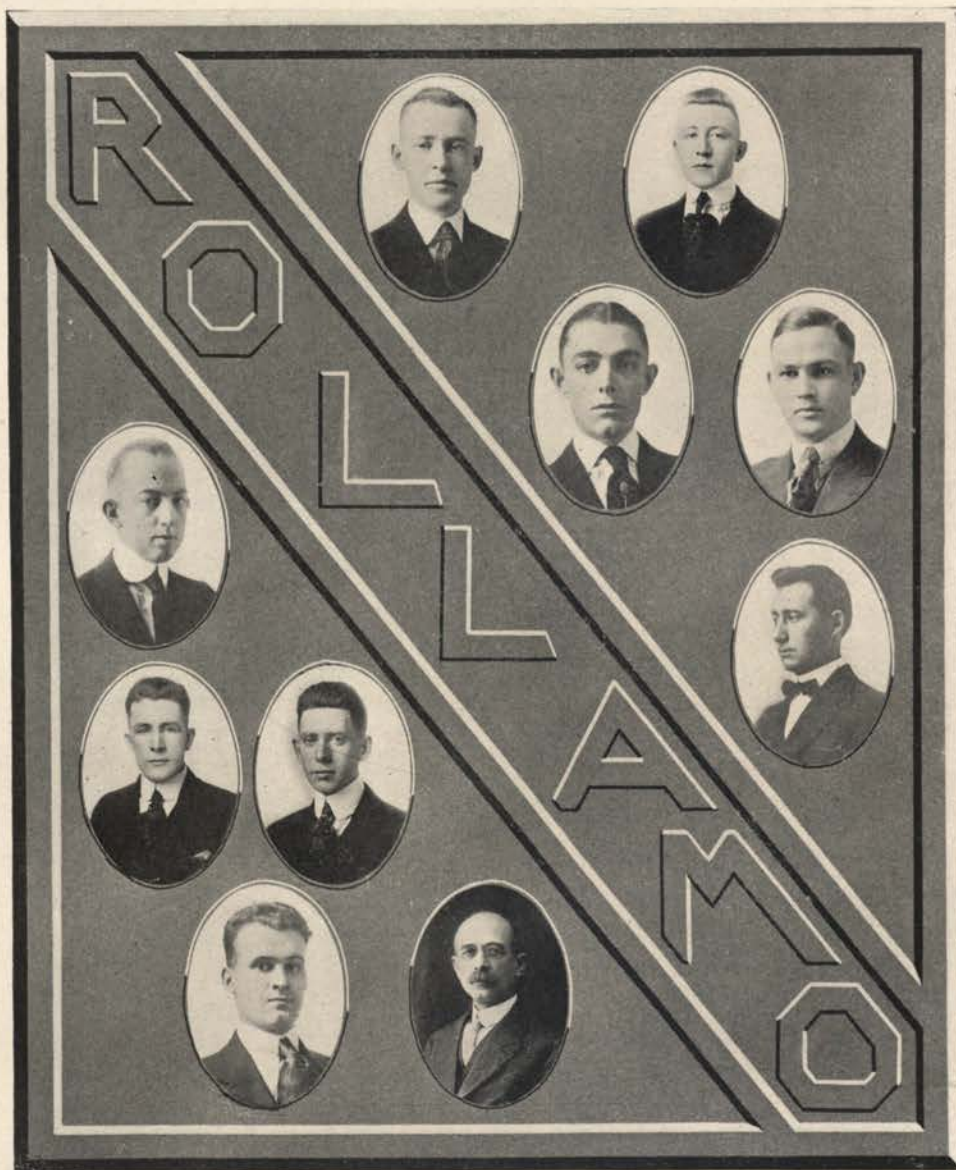
In presenting the 1920 Rollamo for your approval the Board assures you that it has done all in its power to make the book an interesting one from the standpoint of a student or faculty member of the Missouri School of Mines. We have attempted to depict only the most salient incidents of student life as they occurred in the school year of 1919 and 1920, and could not hope to cover all of them, in fact, we have probably omitted many and overlooked more.

The book as a whole covers the more pleasant happenings and ignores the fact, temporarily, of the more unpleasant ones. If this volume will even recall only a few pleasant remembrances of your sojourn at M. S. M. the Board will consider itself amply repaid for all the time and energy spent in preparing it.

THE ROLLAMO BOARD



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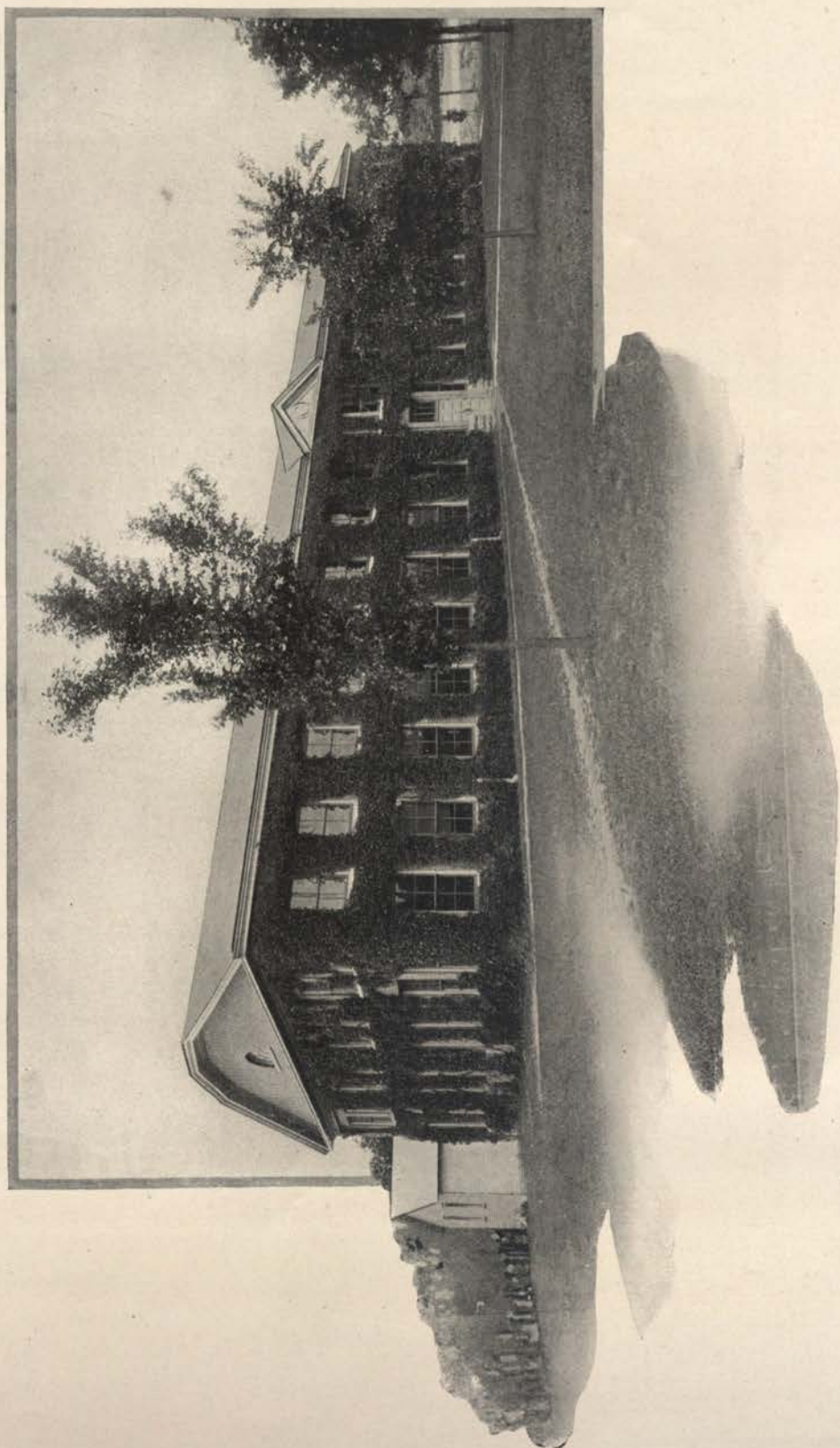
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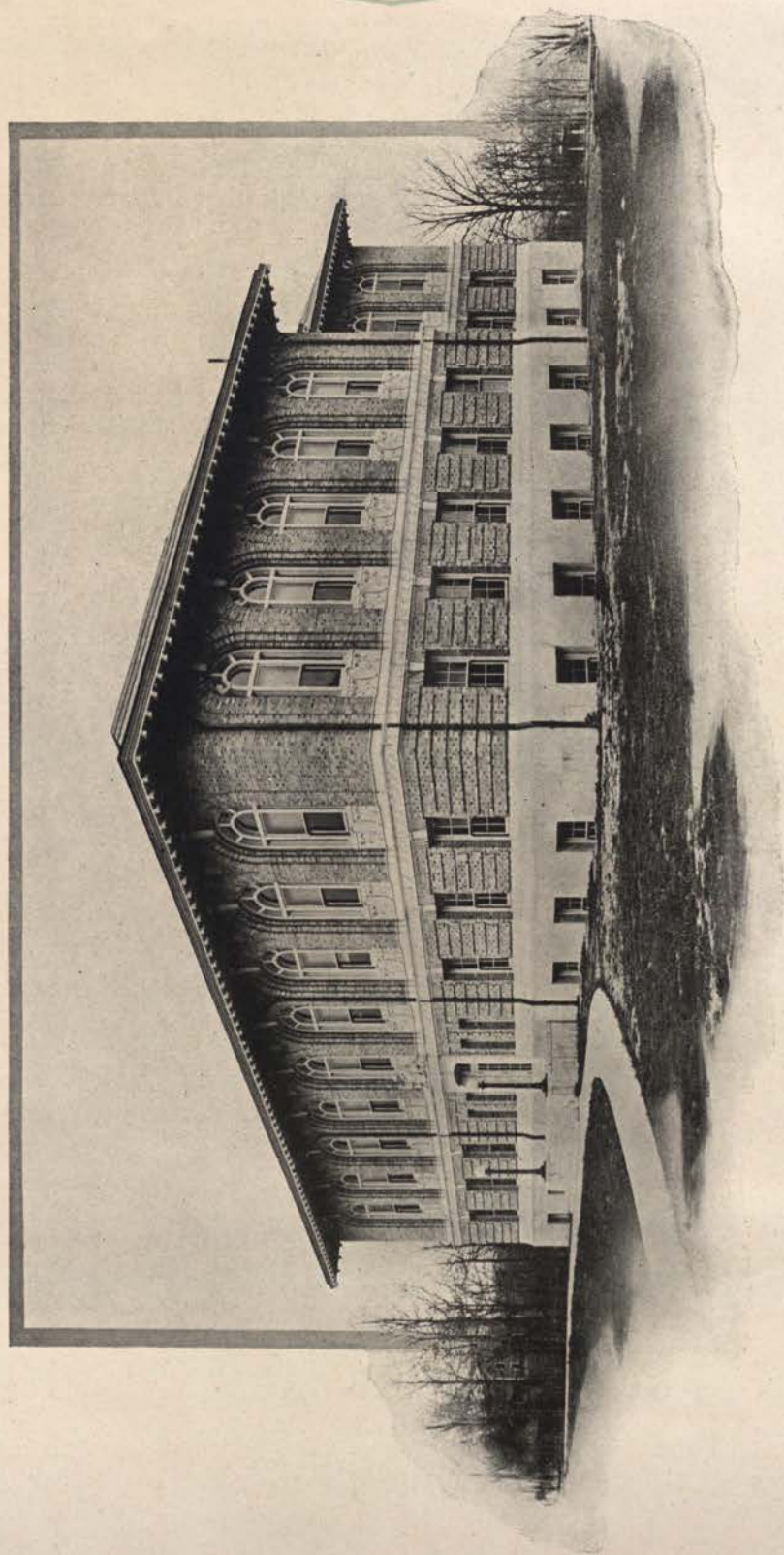
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AUSTIN LEE McRAE

Tau Beta Pi

Chi Phi

Phi Beta Kappa

Director of Missouri School of Mines and Metallurgy

Fellow, American Association for the Advancement of Science, Member of Society for Promotion of Engineering Education, B. S. University of Georgia, 1881. S. D. Harvard, 1886, U. S. Signal Service, 1882-89. Assistant Professor of Physics, University of Missouri, 1889-91. Professor of Physics, Missouri School of Mines, 1891-94. Professor of Physics, University of Texas, 1894-96. Professor of Physics, Missouri School of Mines, 1899-1915. Director, Missouri School of Mines, 1915.



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Major, Engineers.



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Tau Beta Pi, Alpha Chi Sigma.
Professor of Geology and Mineralogy
American Institute of Mining and
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Sigma Xi
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American Chemical Society.



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Quo Vadis.
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Ore Dressing.

Member of Institute of Metals,
London; American Institute of Min-
ing and Metallurgical Engineers; Con-
sulting Metallurgist, U. S. Bureau of
Mines.



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Member of American Society of
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American Society for the Advance-
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Sigma Xi.
Professor of Physics
Fellow of the American Association
for the Advancement of Science.
American Physical Society.



EDGAR SCOTT McCANDLISS, B. S.
Delta Upsilon
Assistant Professor in Civil Engineering
Member American Society for
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Gamma Alpha.
Associate Professor of Geology and
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Phi Beta Kappa
Assistant Professor of Modern
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Assistant Professor of Civil Engi-
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American Chemical Society.



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Research Assistant Mining Experi-
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FREDERICK WILLIAM SHAW, M.D.
Student Medical Advisor.
U. S. Army 1910-1919. Major, M.
C., Graduate Student Johns Hopkins
Research Student Wm. Volker Re-
search Laboratory, 1919.



ALLEN DEWEY POTTS, B.S.
Tau Beta Pi.
Instructor in Metallurgy and Assaying



THOMAS PATRICK WALSH, B.S.
Graduate Assistant in English.



HANLEY H. WEISER, B.S.
Tau Beta Pi.
Graduate Assistant in Chemistry.



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CLARENCE E. BARDSLEY, B.S.
Instructor in Mathematics.



MAJOR H. J. WILD
C. E. Penn. Military College.
Professor Military Science
American Society of Civil Engineers,
Captain, Engineer Corps 1917-1918,
Major, Engineers, 1918 to Present.



JAMES H. UNDERWOOD
Instructor in Mechanical Engineering.



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L.S.

Phi Kappa Psi.
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Member of the American Library
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Assistant Librarian.
Graduate of St. Louis Public Training
School.



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*Graduate Assistants.



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STUJENTS' REVENGE

(WITH APOLOGIES TO PROFS AND STUDES)



"DOC" IN HIS OFFICE



PROF GARRETT
ON THE STREETS
OF ROLLA

GR-R-R!



PROF DEAN
IN HIS FAVORITE POSE



PROF HARRIS
FROM THE
"UNIVAHSITY
OF
VAHGINIA"

\$

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STRIKING OIL
IS A SIMPLE MATTER FOR
DOC COX



PROF. FORBES
IS NEVER
WITHOUT
HIS PEELE



DOC BARLEY
THE PEN IS MIGHTIER THAN
THE SWORD



PROF. BOWEN
"MAKING ANAWTHER ONE"



ROLLAMO

PROF DICKERSON
"ITS ALL VERY SIMPLE"



IN DOC STERNBERG'S
CLASSES THE STUDES ALL
HAVE TO SIT UP ON
LADDERS SO NOTHING WILL
GO OVER THEIR HEADS



"SPIKE" DENNIE



MAJOR WILD
- ANYWAY SOME OF THE
FROSH AND SOPHS THINK
HE'S WILD

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PROF McCANDLISS SOOTHING
ONE OF HIS CLASSES



"ARCHIMEDES" DAKE

"BOOTS" CLAYTON
AT HIS FAVORITE PASTIME



DOC DANIELS, WHO KNOWS
17 DIFFERENT LANGUAGES
AND 8 DIALECTS,



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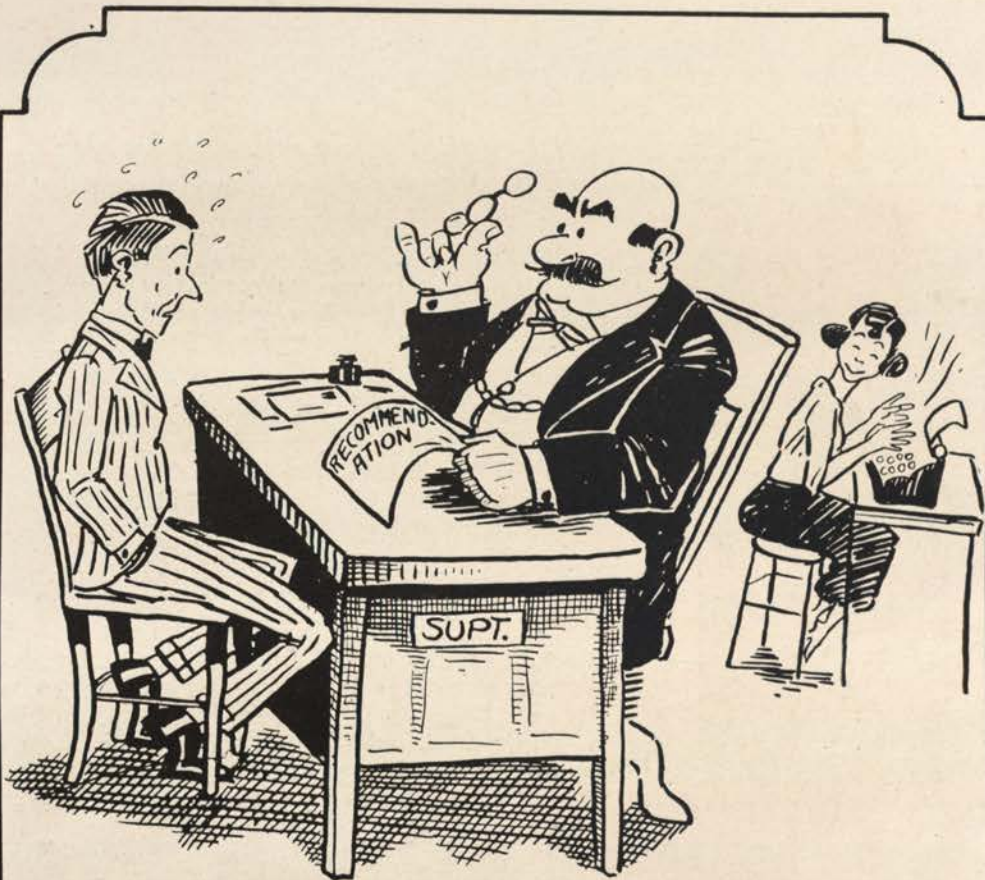


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SENIORS '20

JOE M. WILSON-21



ROLLAMO

Senior Class Review



K. M. WRIGHT
President of Senior Class

Like all other classes we too have a history and of course our history coincides with that of nearly all other Seniors classes.

Most of our class entered school in the fall of 1916, but due to various reasons we now have members from the classes of '17, '18 and '19, so that we cannot be forgotten like the ordinary class.

As freshmen we were only a little bit better than the usual first year class. Rated little and received only a part of that. We had numerous troubles but found that these increased with the years following.

In athletics we have done more than our share. Such football men as Bruce, Hoppock, Brazill, Kroenlien, Behn, Cairns, Cunnungham, Petach, Slover, Taggart and Uthoff will long be remembered. In basket ball we have been represented by Swayze, Bohn, and Wright and in track by Brazill, Murphy, Bohn, and Taggart. Stubbs is readily recognized as the golf champion and Uthoff holds a similiar title in tennis.

As students equally represented in both extremes, but as a class ranking very high. Men of the class of 1920 have always been leaders in any form of school activities. We realize that the school has done its part and now we are ready to step out and show an appreciation of the careful preparation of an Alma Mater. Strange is the feeling, that each Senior passes at this time of year—neither sad not glad. And though as freshmen we envied those superior four year men we now realize that after all it has been a great life.

Aching hearts and mourning creditors may miss us for a while but not as we will miss those pleasant four years. And though we may have a few failings, we feel ourselves equal to the task before us, so we ask you to forget out faults and remember us for our good qualities—the Class of 1920.

CLASS OFFICERS

K. M. WRIGHT	President
M. L. TERRY	Vice-President
G. E. EBMAYER	Secretary
GEORGE BURNET	Treasurer

STUDENT COUNCIL REPRESENTATIVES

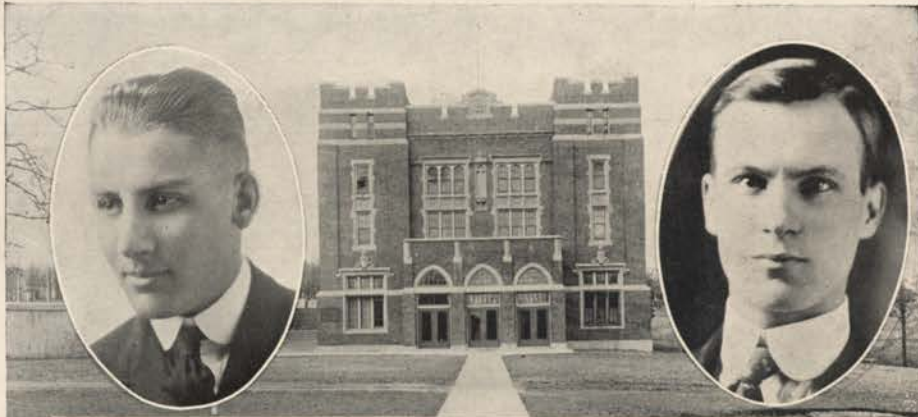
M. P. BRAZILL

R. N. STUBBS

E. E. ASHLOCK



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KENNETH AID

Mining Engineering.

Kappa Sigma, Theta Tau, A. I. M. & M. E.

Often called "Toodles" but better known as "Squash". Looks so innocent that we haven't the heart to say anything about him. Lost his voice during the Senior trip in Chicago and "that ain't all".

EARL E. ASHLOCK

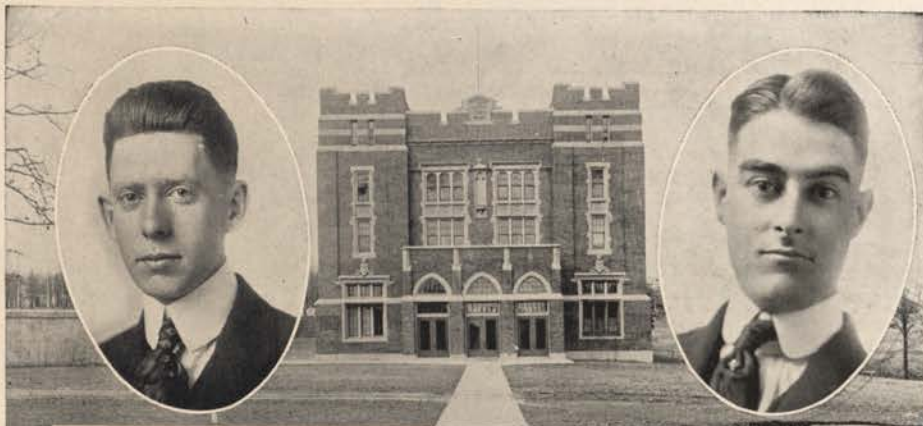
Civil Engineering.

Prospector, Tau Beta Pi, Theta Tau, C. E. Society, Rollamo '18.

A really hard worker—will even volunteer to do things that others dodge. We wonder what kind of a heart is hidden beneath such a composed exterior—or is there a heart at all.



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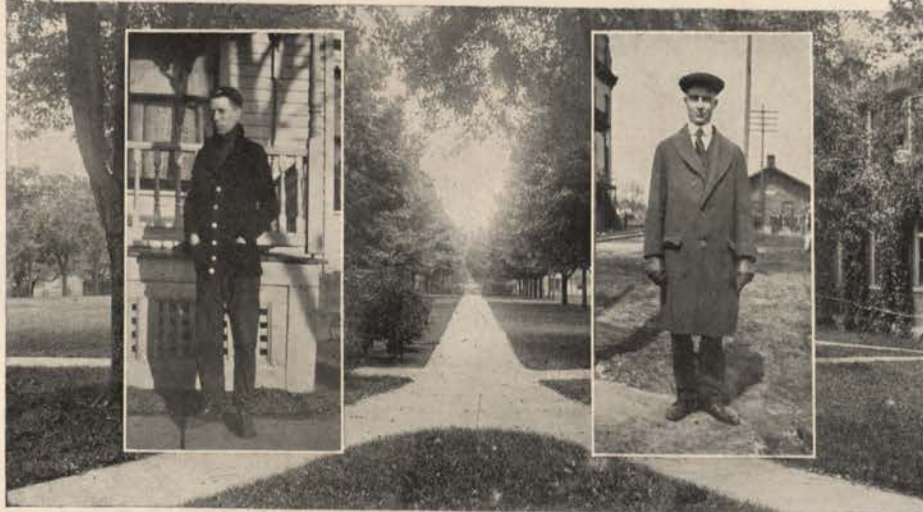


MARION S. BADOLLET
Chemical Engineering.
Bonanza Club, Trowel Club, Rollamo Board '20.

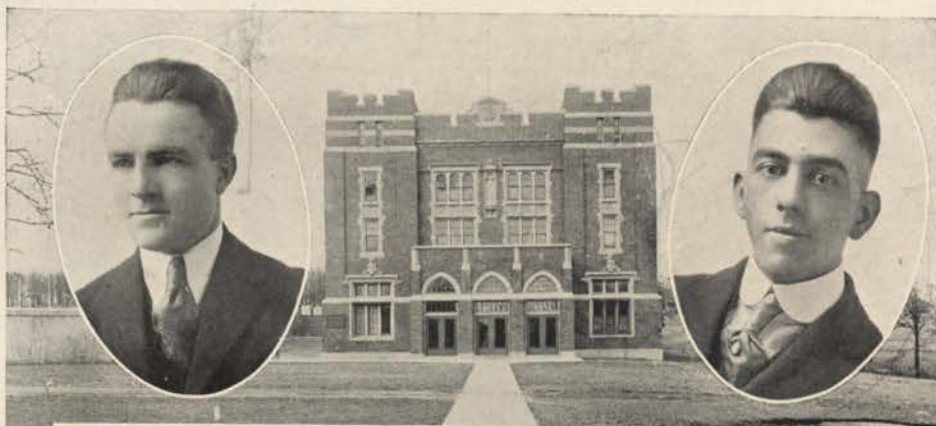
Blame him for some of these pictures and even other things. Has never been outside of the Chemistry building since July 1st.

CLARENCE E. BARDSLEY
Civil Engineering.
Phi Kappa Phi, C. E. Society, Bonanza.

Often mistaken by the Freshmen to be a Prof. Had an awful time with that mustache, but now he can stroll around the campus in peace.



ROLLAMO



CHARLES RUSSEL BARNARD

Civil Engineering.
Kappa Alpha, C. E. Society.
Certainly an engineer of promise.
President of the B. B. B. The Frisco
can't run enough trains between
Springfield and Rolla to suit him.
Has more than made his credit in
Social Lab.

DAVID ANDERSON BASH

Chemical Engineering.
Sigma Nu, Met. and Chem. Society.
Left us in December. A believer
in long walks along Rolla's popular
drive. "Hi Dave" but it was the
true brotherly spirit never-the-less.



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DANIEL C. BEYER

Mining Engineering.
Kappa Sigma, Theta Tau, A. I. &
M. E., Missouri Mining Association.
Distinctly individual—even in tak-
ing Senior trips. East is East, though
who could blame him. Tried every-
thing in college except fussing.

EDWIN JOSEPH BOHN

Civil Engineering.
Kappa Alpha, C. E. Society, Quo
Vadis.
Eddie hasn't anything particularly
against studying, he just hasn't time
for it. A typical M. S. M. athlete,
with letters in track, foot-ball, and
basket-ball.



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MATTHEW PATRICK BRAZILL, JR.

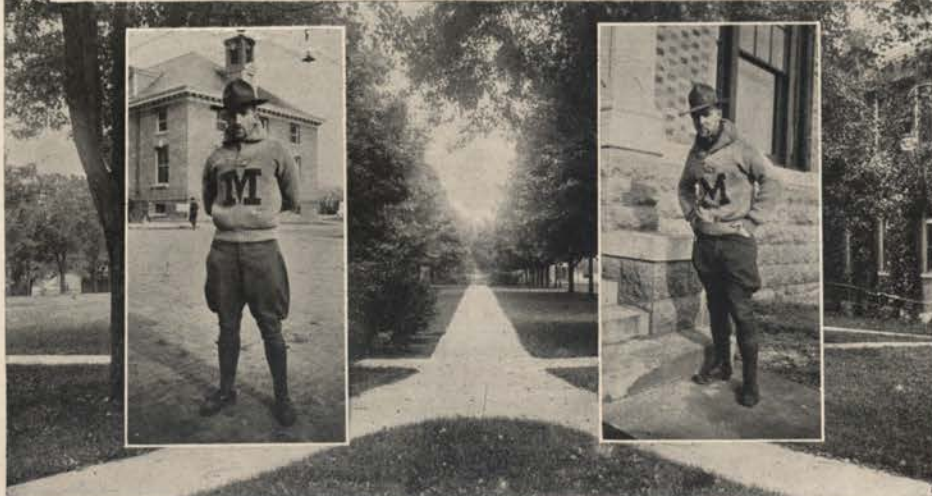
Mining Engineering.
Kappa Alpha, Theta Tau, Quo Vadis, A. I. M. & M. E.

The dashing young Romeo with the vamping eyes; who has saddened the heart of many a fair maiden. Our foremost theatrical star. Letters in football and track. "Cut this out too Mickie".

ROBERT BRUCE

Lambda Chi Alpha, Satyr, Quo Vadis, Trowel Club.

A true student—in football. Drop more courses than most of us sign up for. Has a letter in track and made his fourth letter in football.



ROLLAMO



GEORGE BURNET

Civil Engineering.
Kappa Alpha, Pres. C. E. Society,
Treas. Senior Class.

One of the few who came back from the army a student. A real worker in the Senior Class, altho only a C. E. When the phonograph starts then the freshmen know that "Cap" is fussing.

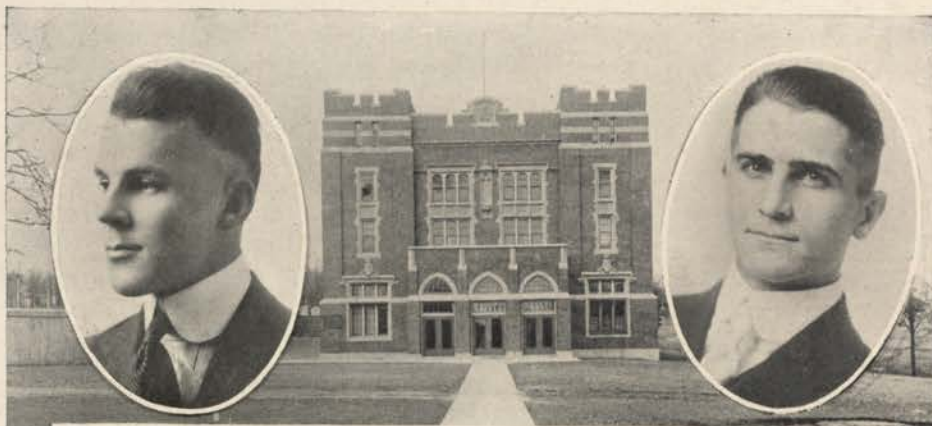
ARTHUR LEE CAIRNS

Metallurgy.
Sigma Nu, Pipe and Bowl, A. I. M. & M. E.

"Buddy" hails from Cape Girardeau, an outpost of civilization in Missouri. Will import anything. "If that goes in the Rollamo I'll—". Fears exposure. Third letter in football.



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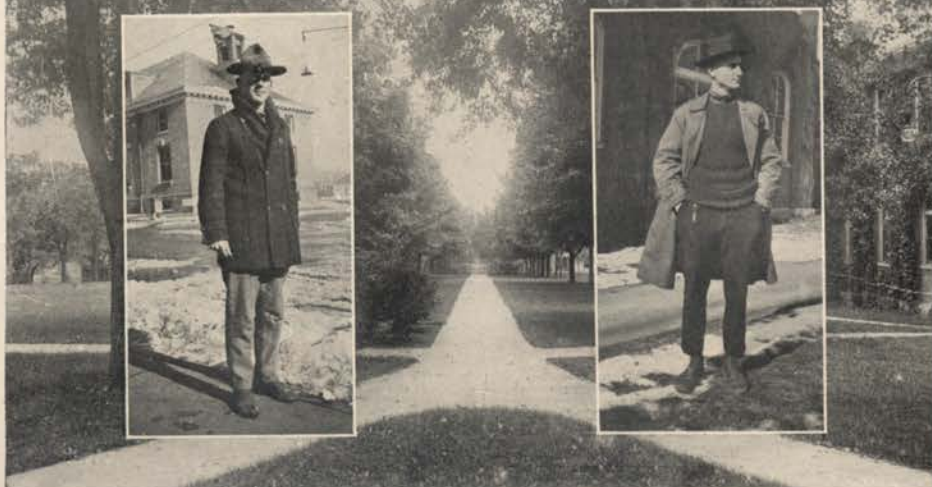


LAWRENCE OWEN CASSELMAN
Mining Engineering.
Independent, A. I. M. & M. E.,
Missouri Mining Association.

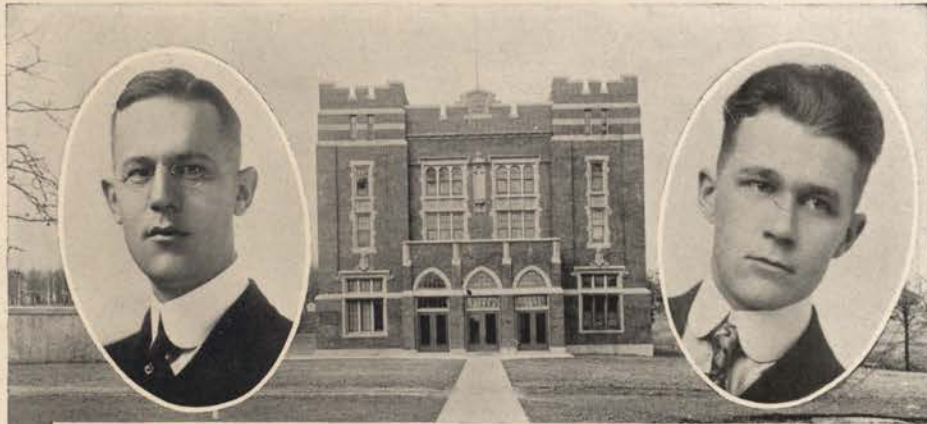
A native son. Acquired even more non-chalance in the army. Just another place where dignity is mistaken for conceit.

LORAIN H. CUNNINGHAM
Grubstaker, Tau Beta Pi, Theta
Tau, A. I. M. & M. E.

"Cunny" is one of the married brethren and this fact has only increased his studiousness. In his bachelor days he won his letter in football. He calls Columbus, Kansas his home.



ROLLAMO



GERARD ERNEST EBMEYER

Mining Engineering.
 Lambda Chi Alpha, Quo Vadis, Tro-
 wel Club, Miner Staff '15-'16-'17-'19,
 Rollamo '20, A. I. M. & M. E., N. S. N.
 Sec. Senior Class.

"Eb" boasts of Nebraska so persis-
 tantly that one would almost think
 the state deserved an apology. Will
 always respond when called upon in
 Mass Meeting, and has never refused
 to argue on any subject.

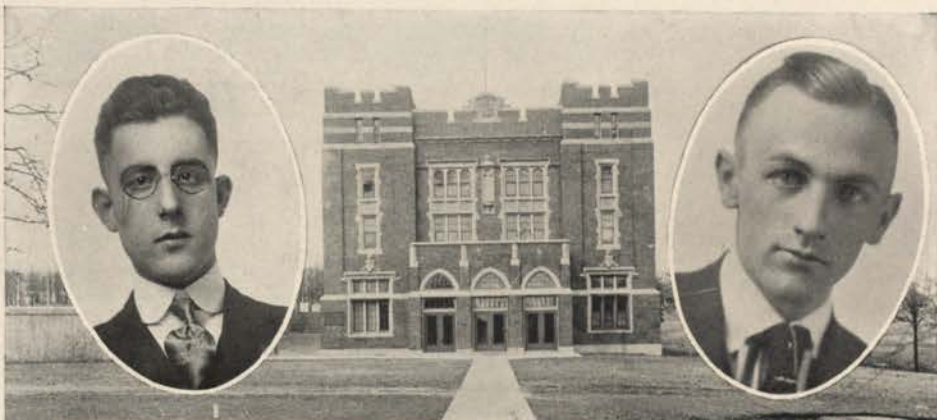
ARTILEUS V. EULICH

Mining Engineering.
 Lambda Chi Alpha, Quo Vadis,
 A. I. M. & M. E.

"Art" is from St. Joe, however he is
 trying to live it down and we hope
 that he will too. Still remains quiet
 although he was in the army, but
 national amendments alter circum-
 stances.



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WILLIAM JAMES FINLEY
Chemical Engineering.
Grubstaker.

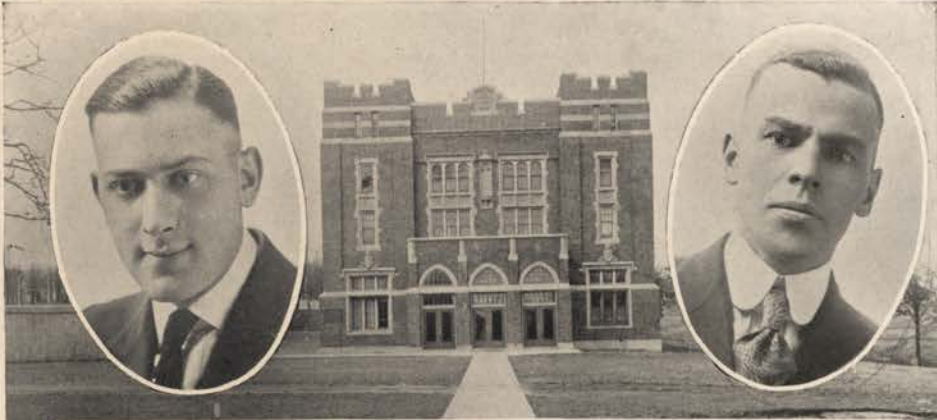
"Deacon" left us to try something even worse. One of the unknown fussers who really got by with it. Occasionally seen without McMillen.

CARL ANDREW GETTLER
Chemical Engineering
Sigma Nu, Rollamo Board '19, Met.
and Chem. Society.

"Get" is a Hannibalite, which fact has not hindered in his quest for knowledge and other things not found in books. He is a gun in Organic and expects to be a Chemical Engineer some day.



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OSHER GOLDSMITH

Prospector, A. I. M. & M. E., Art and Thimble Club, Trowel Club.

All the way from Texas yet fresh as a lily. Attends school if there is nothing else to do. One of the two good men who returned to school and offered their services to various school activities.

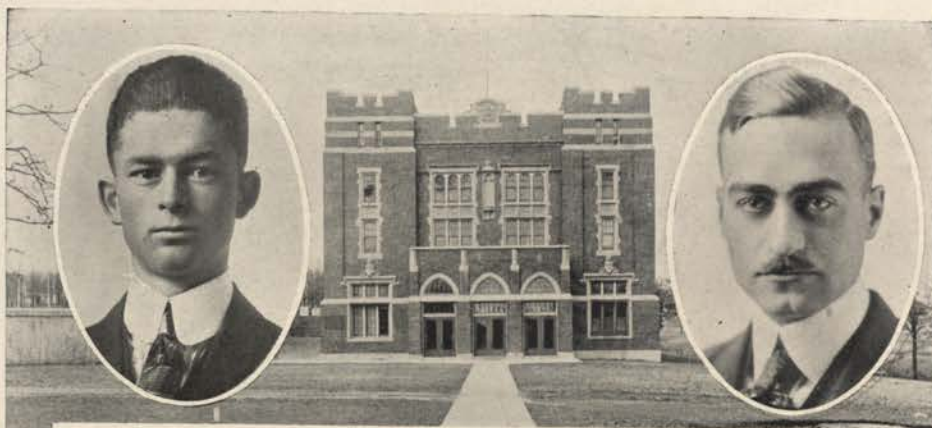
LESLIE HARLOE

Mining Engineering. Bonanza, Theta Tau, Trowel Club.

Back with us this year—or rather, back in the geology room. A real student hence almost unknown to us.



ROLLAMO



KARL WILLIAM HEIMBERGER

Civil Engineering.

Independent, C. E. Society.

Back from France, but still the same—even to his voice. Will make Rolla famous yet, if he could only be heard. Never forgets the good old high school days.

WESLEY GEORGE HIPPARD

Mining Engineering.

Lambda Chi Alpha, Trowel Club.

Another mystery. A fusser yet seldom seen and even less heard of. Has been known to spend week-ends on the Gasconade during the long dreary summer weeks. Runs with and by Knight.



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HARLAND H. HOPPOCK

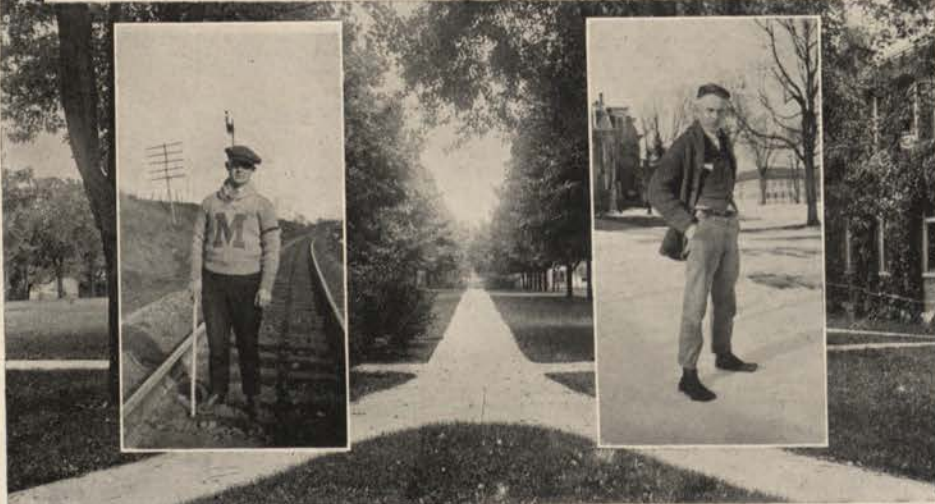
Mining Engineering.
Grubstakers, Theta Tau, Quo Vadis
Satyr, A. I. M. & M. E., Class President '18.

Has spent years trying to live up to the family reputation. Has much wilder ideas than one would expect. Intends to use all the Calculus that he has learned and no doubt he will. Captain in football this year.

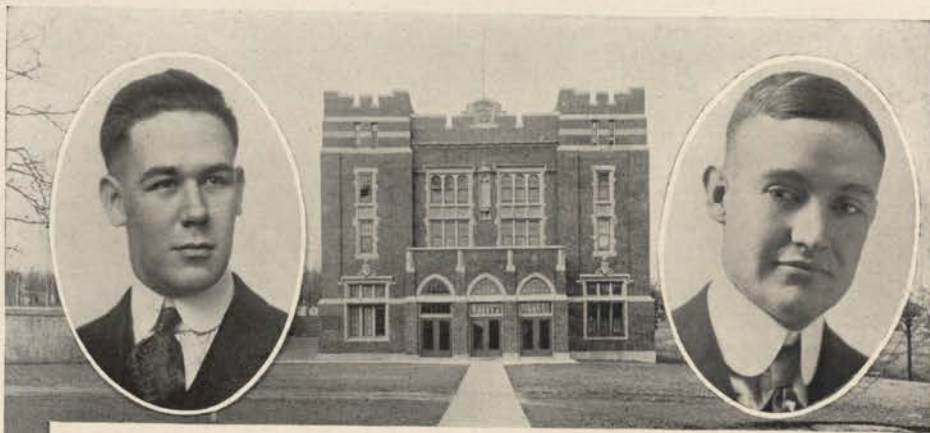
ARTHUR MARK HOWALD

Chemical Engineering.
Independent.

Almost unknown, except to curious Freshmen. He is sure that the whole of one's college education may be found in books. Causes the librarian to work full time every night.

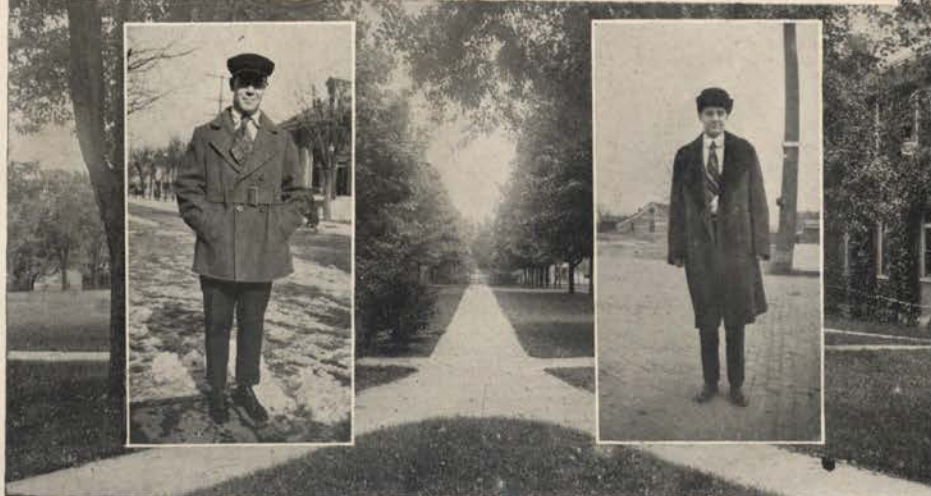


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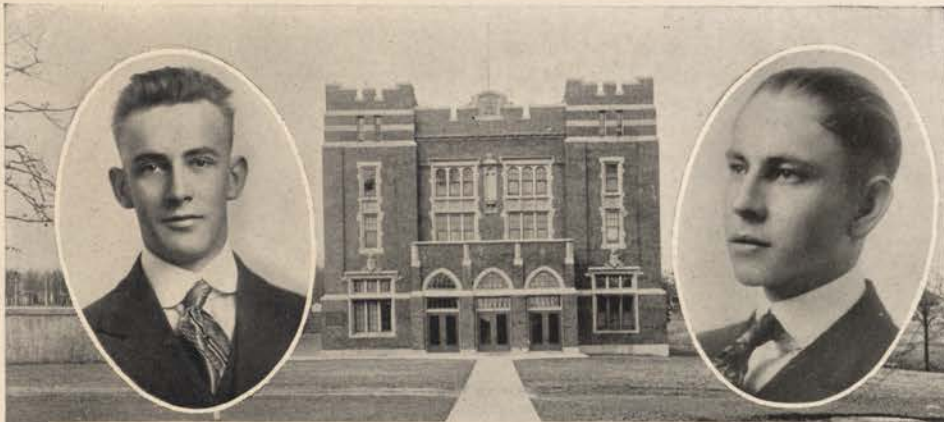


CLIFFORD P. HOWARD
Mining Engineering.
Prospector, A. I. M. & M. E.,
Mercer Club, Mo. Mining Association
Born coal mining expert and admits
it. Also an authority on first aid
and mine rescue work, but has suc-
cumbed to an attack of the fairer sex.

JOHN L. HOWENDOBLER
Mining Engineering.
Prospector, A. I. M. & M. E.,
Mo. Mining Association.
Again! Still a rock hound as well
as a reader of the Tulsa world. Con-
tinues to use two words when one
would be enough.



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CARL B. HUMMEL
Metallurgy.

Pi Kappa Alpha, Theta Tau, Tau
Beta Pi, A. I. M. & M. E., Met. &
Chem. Society, Rollamo '19.

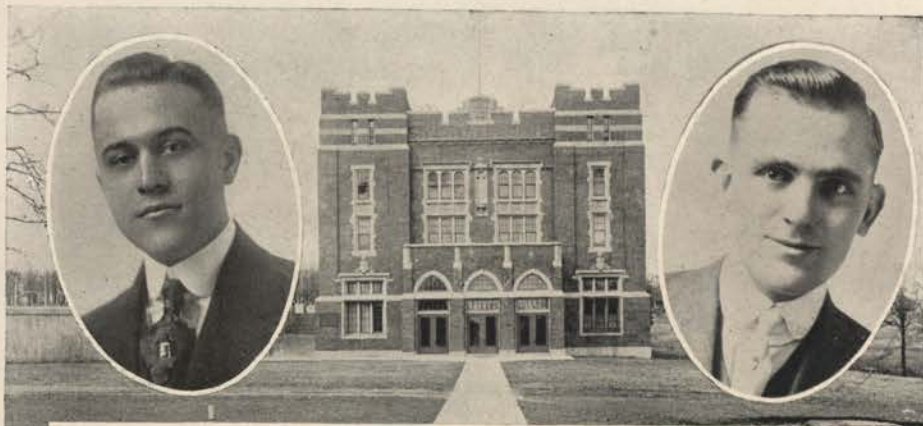
Quiet, and continues to grow more
so. Looks most intelligent when he
knows nothing about the subject at
all. Has never been the same Carl
since he swore off.

HAROLD W. HURD
Mining Engineering.
Lambda Chi Alpha.

Fond of night seances; but they
too grow old. So sly and careful
that even our kind cannot catch him.



ROLLAMO



WILLIAM KAHIBAUM
Chemical Engineering.
Grubstaker, Met. & Chem. Society,
N. S. N.

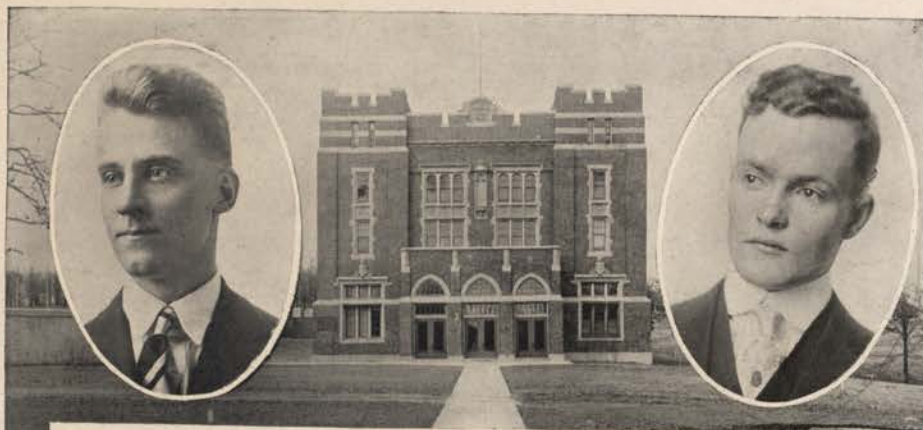
Another who succumbed to the call of cupid. Still helps Fred take advantage of the Freshmen. Financially he should in time gain possession of everything—for look at the sources.

KARL KENNETH KERSHNER
Chemical Engineering.
Independent, Met. & Chem. Society,
Tau Beta Pi.

Pride of the Chemistry Department. Leads a life of repose. Controls himself in all things.



ROLLAMO



GEORGE A. KROENLEIN
Mining Engineering.
Grubstaker, Phi Kappa Phi, Tau
Beta Pi, A. I. M. & M. E.

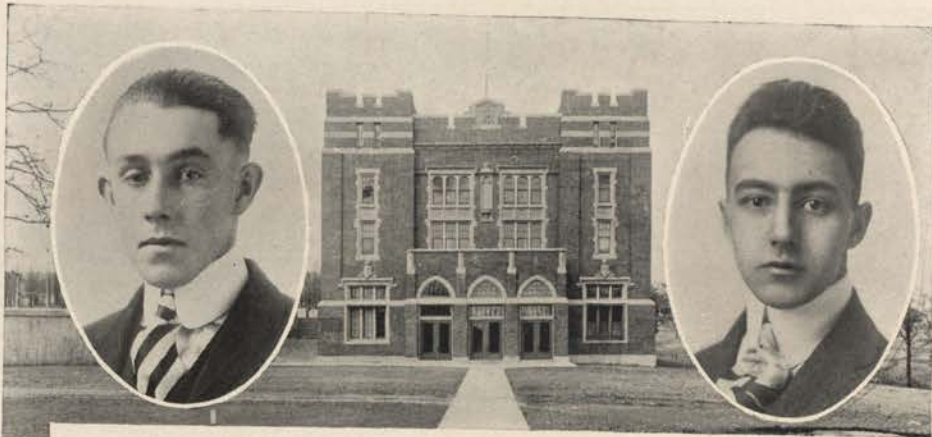
"George" graduated in December 1919, and is now running a plane-table somewhere down in the Oil Country. He was a gun in everything except fussing. "Bob" Dickerson's right hand man.

THOMAS W. LEACH
Mining Engineering.
Pi Kappa Alpha, Trowel Club,
A. I. M. & M. E., American Association
of Engineers, Missouri Mining
Association.

Liked by everyone in the 400. Receives great quantities by mail; but saves postage by confining part of his attention to Rolla.



ROLLAMO

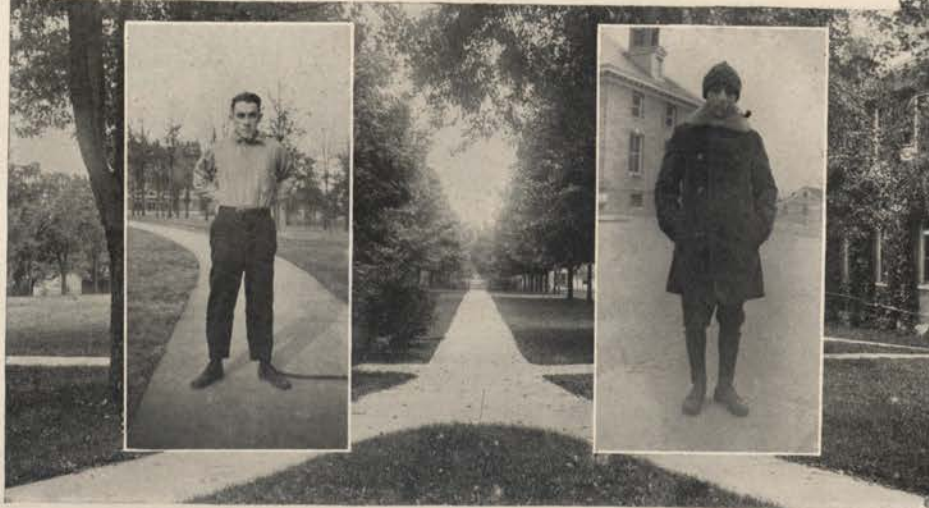


MERRYL McCARTHY
Mining Engineering.
Lamda Chi Alpha, Satyr, St. Pat.
'18.

Not nearly so down-hearted as he looks. Reflects every problem of the age. Loves every member of the C. E. Department. Will never be forgotten because of his fame as an orator.

F. M. McMILLEN
Mining Engineering.
Grubstaker, Tau Beta Pi, A. I. M.
& M. E., Missouri Mining Association.

"Mac" had a way with the women, and we strongly suspect that one of them had a way with him. Known to have "knocked off" all of his Profs. in quizzes regularly. Also had a lingering for the Ozarks.



ROLL AMO

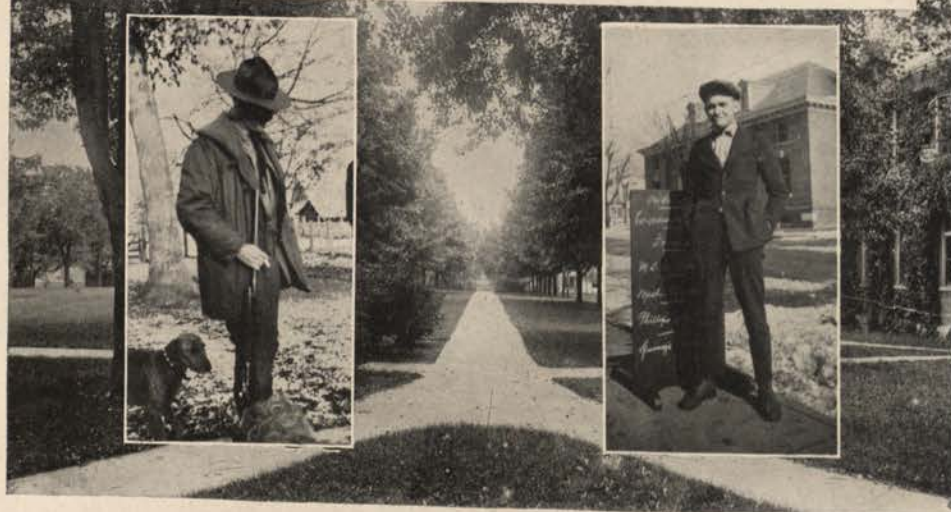


ROBERT E. MARSTON
Mining Engineering.
Pi Kappa Alpha, Theta Tau, Satyr,
A. I. M. & M. E.

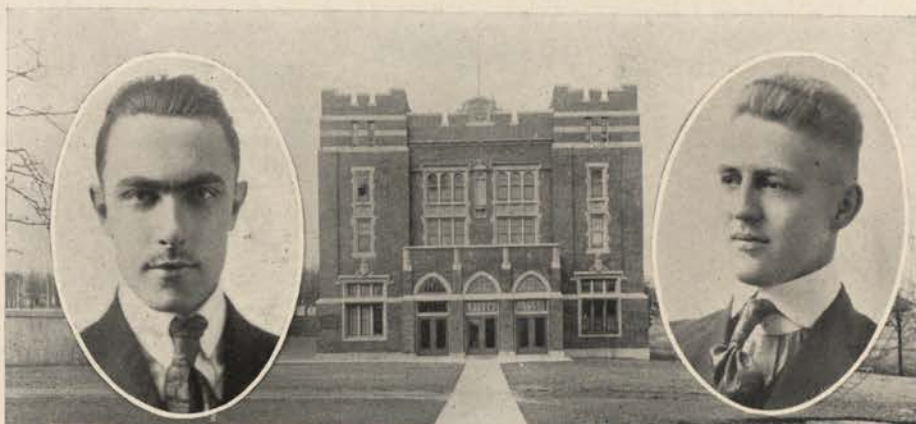
"Bob" is another of those mid-year graduates. Lover of dogs of all brands as his extensive kennels will testify, being also a "rock-hound" of no mean ability himself. "Love me, love my dog".

CHARLES J. MILLAR
Chemical Engineering.
Sigma Nu, Pipe and Bowl, Met.
and Chem. Society.

Has it come to this? Joplin's pride "If he ever did any work he is a good hand at keeping a secret—and we don't think he is". Has no inclination to ever argue.



ROLL AMO

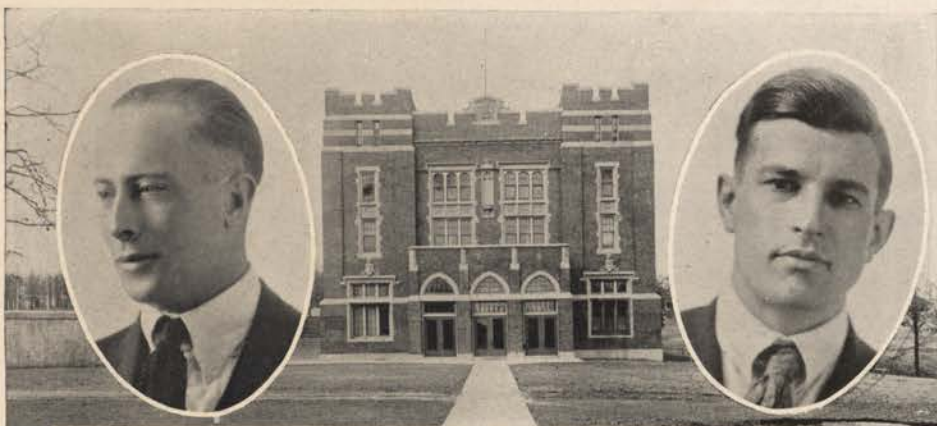


JOHN G. MILLER, JR.
Metallurgy.
Bonanza, Mo. Mining Association,
A. I. M. & M. E.
Indulges in mid-night festivities
with disastrous results. Loves night
air and will ride for hours. Spends
the days at H. & S.

FRED VAIL MOORE
Mining Engineering.
Sigma Nu, Satyr, A. I. M. & M. E.
Finally left us after many studious
years. A burner of mid-night oil,
for various purposes.



ROLLAMO



EARL N. MURPHY
Mining Engineering.
Lamda Chi Alpha, Quo Vadis, Satyr
A. I. M. & M. E.
Another victim of the blind archer.
Has had trouble with Descript. ever
since he entered. Seen only at the
gym. Letter in track.

WILLIAM L. NIECE
Mining Engineering.
Independent, Trowel Club, Mis-
souri Mining Association.
Will gladly help the Professor lec-
ture any time, and then check their
own work. If it has anything to do
with oil and gas—enuf said. Never
misses a dance.

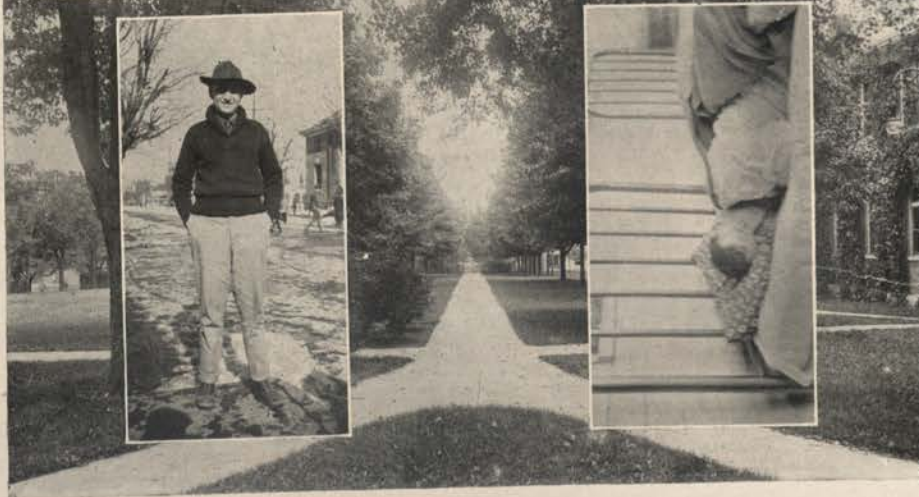


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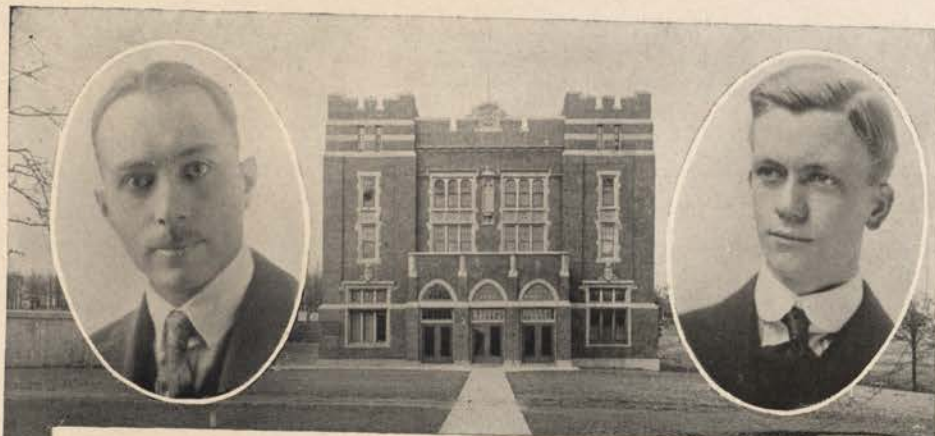


JOSEPH NOVAK, JR.
Civil Engineering.
Grubstaker, C. E. Society.
Could easily guess where he is
from, fulfills all regulations. Loves
hydraulics—even walks in a sign curve
Likes the chemistry department.
Always willing to help with any
school activity.

ARTHUR HENRY PETSCH
Mining Engineering.
Kappa Alpha, Quo Vadis, A. I. M.
& M. E.
Wanted us to be sure and put his
picture in twice. Socially—and yet
“I do like Mister Petsch”. A believer
in cloud bursts.



ROLLAMO



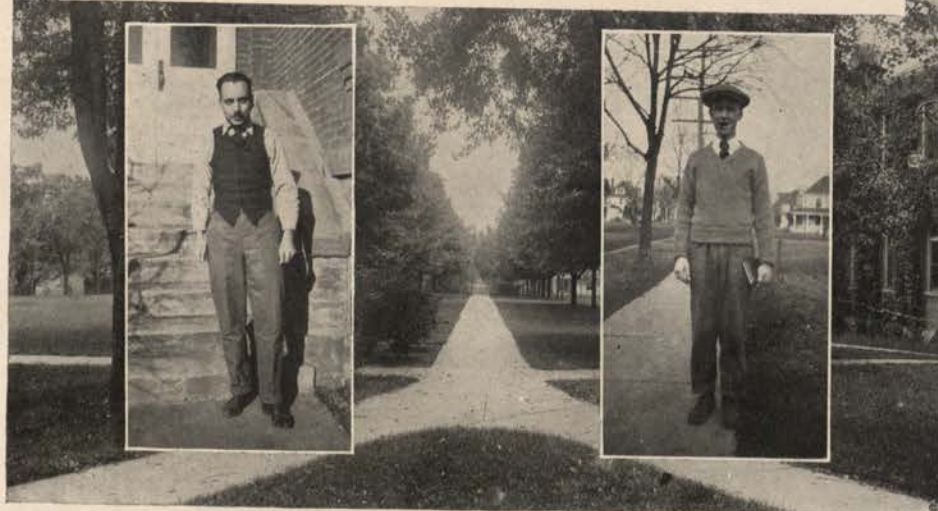
PETER PIETSCH
Chemical Engineering.
Independent.

Loves all his teachers and admits it. Has not been here long enough to realize the difference between various institutions of learning.

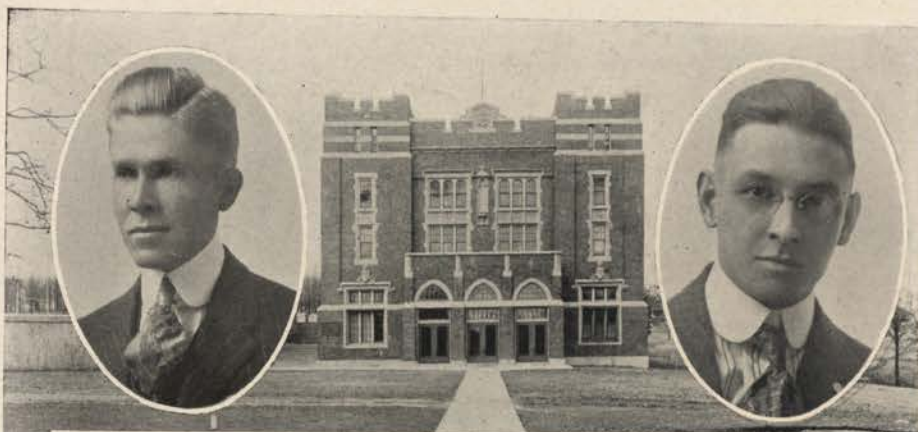
ALLEN D. POTTS
Metallurgy.

Grubstaker, Trowel Club, Theta Tau, Tau Beta Pi, Miner Board '19, Met. & Chem. Society, Mo. Mining Association, A. I. M. & M. E.

"Allen" liked Rolla so well that he decided to stay after graduating in December. He is an instructor in the Met. Department, where he spends most of his time.



ROLLAMO



WILLIAM REED QUILLIAM
Mining Engineering.
Prospector.

A very efficient young man, considering that he came from Texas. Too quiet and studious to be known to most of the "students".

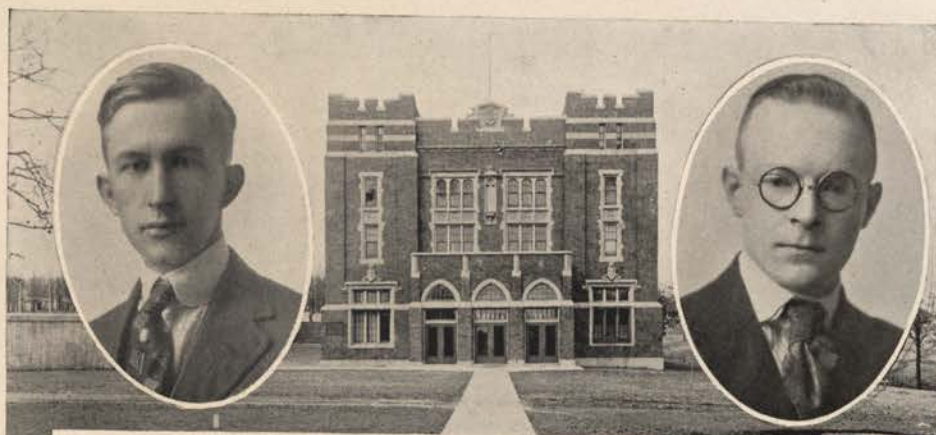
GERALD FRANKLIN RACKETT
Mining Engineering.

Grubstaker, Jodquos, Satyr, Tau Beta Pi, Miner Staff '18-'19, A. I. M. & M. E., Mo. Mining Association Junior Class President, Junior Play '19-'20, Rollamo Play '19, Student Council Pres. '19.

"Rack", the big noise from Chicago, has been toned down since 1916, and is now docile as a lamb. Always busy and has actually done something while at M. S. M. Guided us during our troublesome Junior year and always made us conceited by his pride in us.



ROLLAMO



RUDOLPH CHARLES SCHAPPLER
Mining Engineering.
Sigma Nu, Met. and Chem. Society
Junior Play '20.

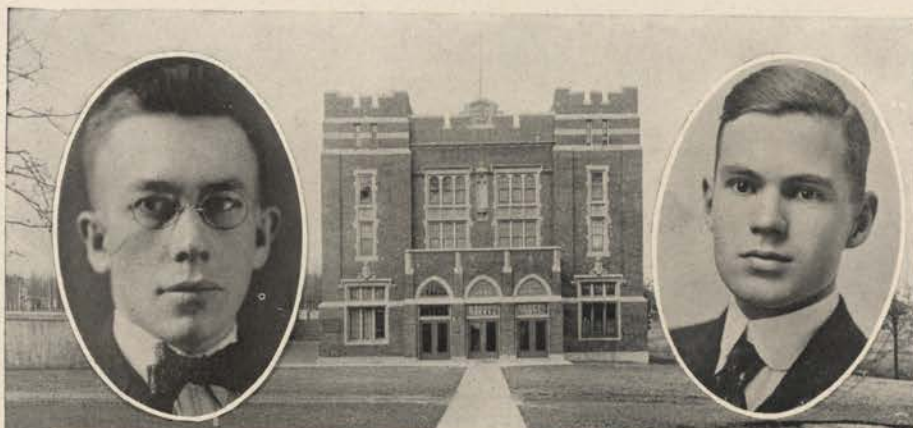
Speaks a dialect all his own. Could fool anyone. A gun in mathematics and fussing though we do hate to admit it.

EDWIN KAINE SCHUMAN
Civil Engineering.
Phi Alpha Delta, Theta Tau, C. E. Society, St. Pat. '19.

"E. K." heavyweight degree lugger of several schools. Can do anything from figuring out stresses and strains on bridges to selling you a can of tomatoes. In case you go to court about it, he will be your council for a nominal fee. Thinks lots of Rolla so intends to stay here.



ROLLAMO



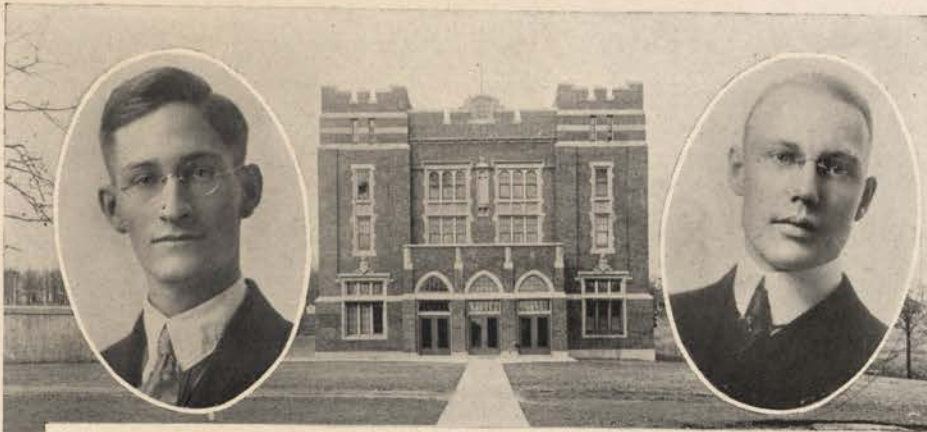
THEODORE C. SHERWOOD, JR.
Mining Engineering.
Independent.

"Ted" was another benedict who came back from the army after two years service, and brought his wife back with him. When not in the class room he can usually be seen carrying groceries home or carrying wood from the woodshed to the kitchen.

HAROLD F. SHORE
Mining Engineering.
Kappa Sigma, Pipe and Bowl Club.
"Red" seldom studies yet manages to get by. "Bones" now and then sleeps a good while and fusses the rest of the time. E Pluribus Unum—Results?



ROLLAMO



EDWIN ALSOP SLOVER

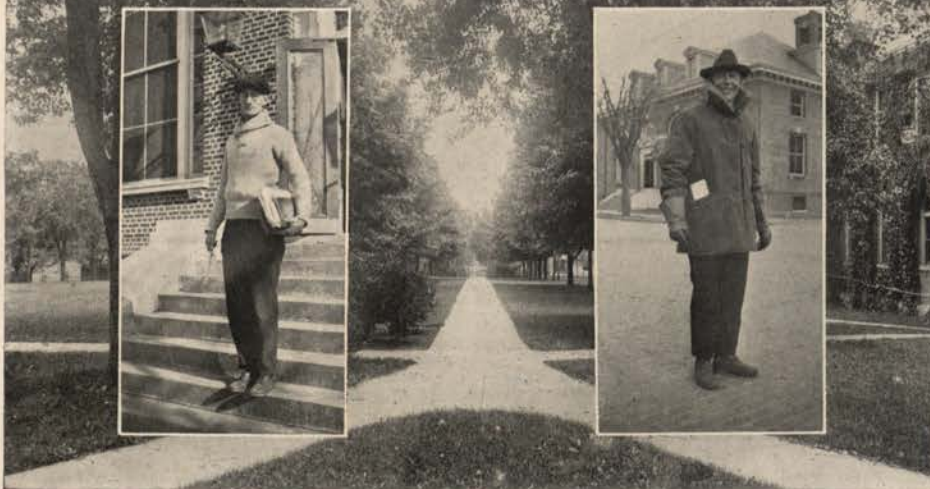
Metallurgy.
Grubstaker, Phi Kappa Phi, Tau
Beta Pi, A. I. M. & M. E., Met. and
Chem. Society.

"Ed" is probably now at Columbia
University inhaling the eastern brand
of knowledge. He was a real gun
in everything; but did not let that
interfere with his fussing proclivities.
In a pinch he could be relied upon to
do most anything. Won an "M"
in foot-ball in 1918.

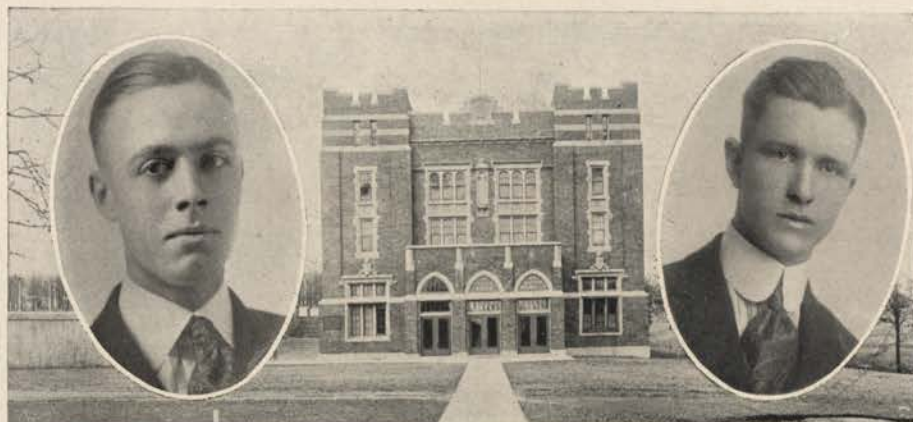
OSCAR ELI STONER

Mining Engineer.
Lamda Chi Alpha, Satyr, Theta
Tau, Quo Vadis, Rollamo '17, Athletic
Association Business Mgr. '17.

"Doc" came back to Rolla with
his "frau" and got back into the
swim of things easily. A member of
the Student Council as well as an
officer in Wild's Army. Another who
left for the oil fields.



ROLLAMO



ROBERT NEWTON STUBBS

Metallurgy.

Sigma Nu, Theta Tau, Pipe and Bowl, Miner '18-'19, A. I. M. & M. E. Rollamo Board '18.

"Bob" was editor of the Miner during the first semester, and after that decided to be a real student and do nothing but study. Is another real mourner that January 16th ever rolled around. Loves parties and will eat anything when out at such an occasion.

RONALD OWEN SWAYZE

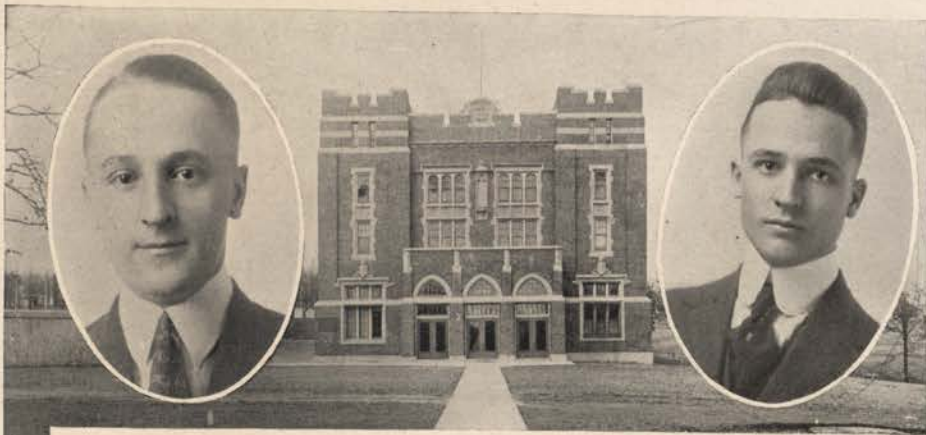
Metallurgy.

Grubstaker, Tau Beta Pi, Quo Vadis, Theta Tau, Phi Kappa Phi, A. I. M. & M. E., Pres. Athletic Association, Missouri Mining Association.

"Swayze" hails from Kansas and he is a specialist in metallurgy. He received his "M" in basket ball in '17 and '18, being captain of the 1918 team. At this writing he is one of Cox's army, being an assistant in Mineralogy.



ROLLAMO



WILLIAM MISKEY TAGGART, JR.

Mechanical Engineering.

Kappa Alpha, Quo Vadis.

"Bill" is the real Beau Brummel at M. S. M. and when not wearing out the upholstery at a well known residence, is pursuing the line of least resistance under Prof. Dickerson. Has never been known to worry about such a thing as grades. "I don't want to make either one of them sore". "That egotistical fellow".

MARK LOREN TERRY

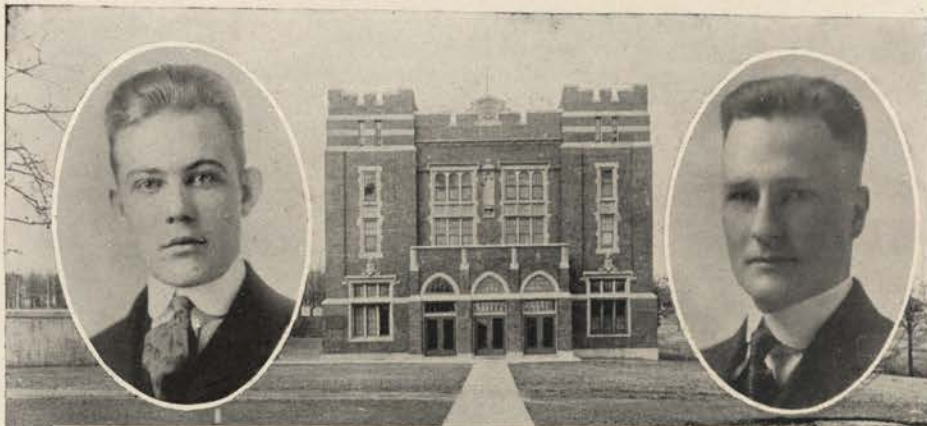
Metallurgy.

Pi Kappa Alpha, Tau Beta Pi, Theta Tau, Trowel Club, Phi Kappa Phi, Met. & Chem. Society, A. I. M. & M. E., Student Council '15-'16, Miner '15-'16-'17, Vice-pres. Senior Class.

"Mark" is also a "come-back" from "over there". He is taking life easy now after a strenuous campaign in former years. Has made numerous societies and more friends during his four years at M. S. M. Is a steady fusser and attends lectures at Rolla High School with alarming regularity.



ROLLAMO



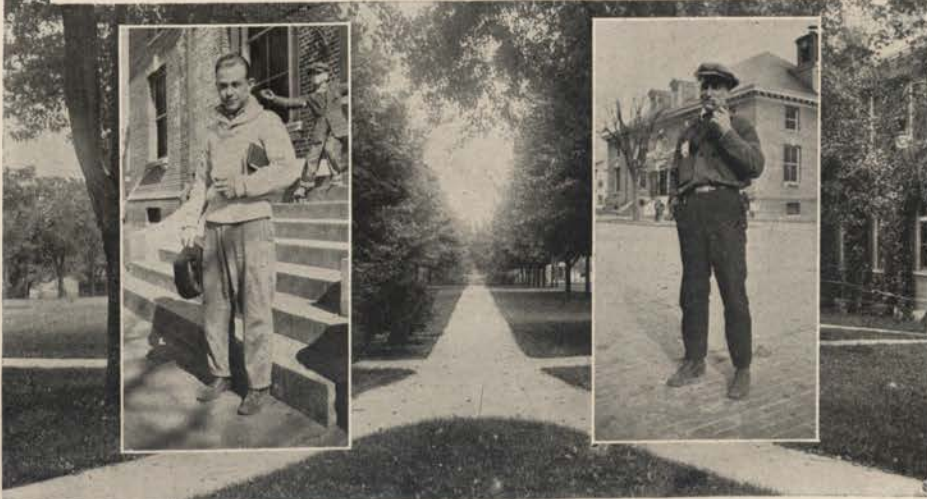
BASIL HAROLD TURNER
Mining Engineering.
Bonanza.

A very quiet man—doesn't even snore in class. Indisposed toward exertion.

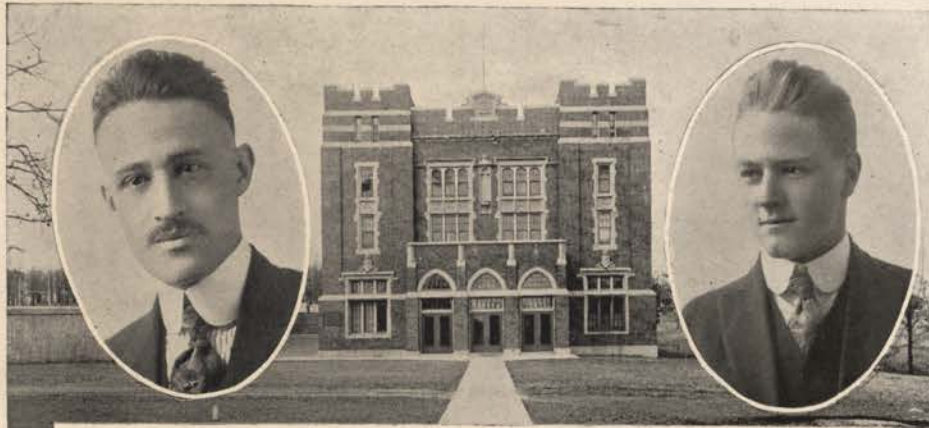
FREDERICK WILLIAM UTHOFF
Mining Engineering.

Grubstaker, Tau Beta Pi, Quo Vadis, Theta Tau, Jodquos, Rollamo '19, A. I. M. & M. E., Missouri Mining Association.

"Freddie" is one of those fellows who is always doing good for someone else. A clean sport and a real booster for M. S. M. He has no bad habits except smoking and is rarely seen without his pipe. He won his "M" in football in 1918.



ROLLAMO



RAFAEL ESTABAN VELASCO

Mining Engineering.

Prospector, Met. & Chem. Society,
A. I. M. & M. E.

"Raffles", a true son of Carranza, has come back to settle accounts and finally get his degree. Has a senorita waiting for him down in San Luis Potosi, and acts funny if he don't get a letter every day. Is a sleight-of hand man and has given many men something to think about. "Concentrate"!

WILLIAM WALBRIDGE WEIGEL

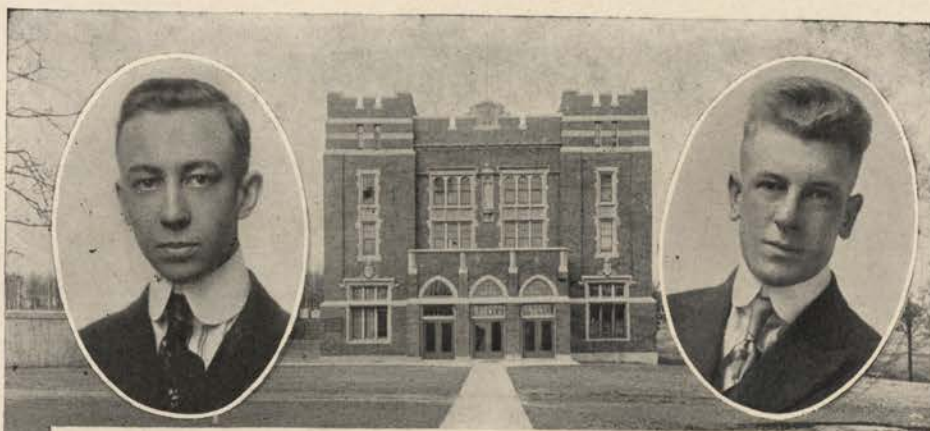
Mining Engineering.

Pi Kappa Alpha, Tau Beta Pi,
Phi Kappa Phi.

Weigle is another of those quiet birds who you know nothing about—at times. Is a real hobo and has been known to pass Rolla up on several occasions. Has some suggestions pertaining to the remodeling of the Phelps County Bastile.



ROLL AMO



EDGAR A. WILLIAMS

Chemical Engineering.
Sigma Nu, Met. & Chem. Society.
"Ed" is hard to figure out, being also a Hannibalite, which is too far to travel for purposes of obtaining proper information. Is seen hovering about the Organic Lab. so much that the Customs Officials have already got their eye on him. He swears by and at Bash.

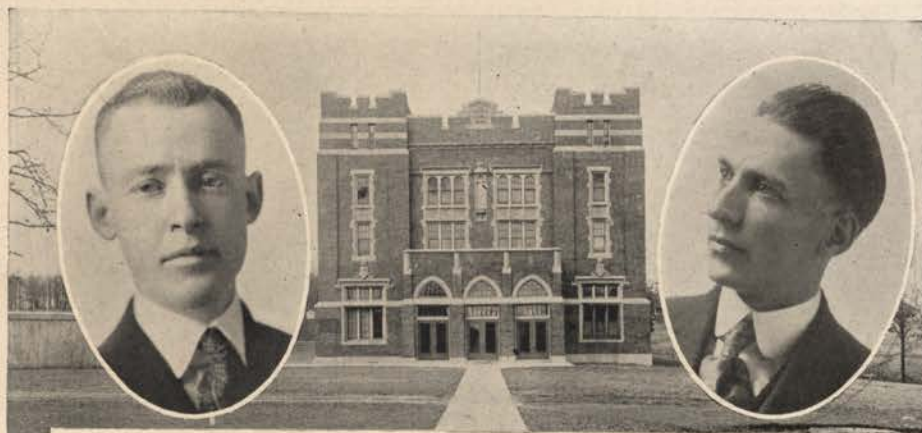
RONALD B. WILLS

Civil Engineering.
Bonanza, Theta Tau, Quo Vadis, C. E. Society.

Wills dug his grave in Prof. Harris' drawing room and is a steady customer up there. Started out as an inveterate fusser in his freshman year; however he has utterly forsaken this phase of college life in his later years. A member of the Pinochle Brigade.



ROLLAMO



KENNETH M. WRIGHT
Mining Engineering.

Kappa Sigma, Tau Beta Pi, Theta Tau, Pipe and Bowl, Rollamo '19-'20, Senior Class President, A. I. M. & M. E., Mo. Mining Association.

"Kenny" has got so many jobs that he doesn't worry much about classes, nevertheless he was overtaken by Tau Bait. When not in the Geology Lecture Room he may be found scheming in the Rollamo Office. Is Prexy of the Senior Class. Has made three letters in basket ball. Editor-in-Chief of the Rollamo 1920.

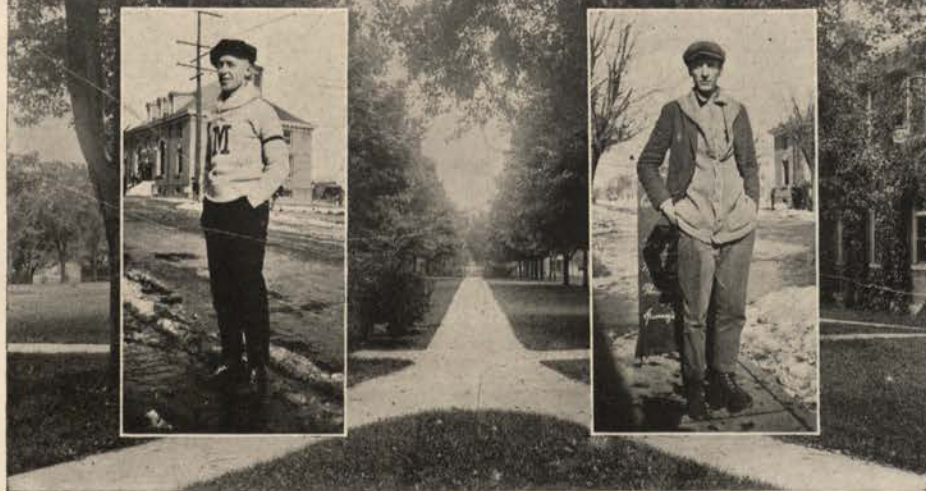
As a fusser—deleted by censor.

HARRY WESLEY ZIESENESS

Civil Engineering.

Independent, C. E. Society.

Harmless creature who endures the rest of us without any fuss. Never found outside of the C. E. Department except at "Scotts"!



[illegible]

ROLLAMO



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ROLLAMO

Junior Class Review



When school opened August 30, 1919, very few members of the class of '21 were to be found in or about Rolla. During the following two weeks, however, the class roll swelled until practically every man who started out with the class as a freshman was either present or accounted for. Besides these, the Junior class included many men of previous classes who returned to M. S. M. after giving their best in behalf of Democracy.

Soon after, the class organization preparations were started for the greatest and most memorable "St. Pats." in the history of M. S. M. Delegates were sent to the first National Convention of Engineering Schools at Columbia, Mo. in order to cooperate with other schools for the purpose of Nationalizing the St. Patrick Celebration. "Billie" the biggest theatrical success which was ever staged in Parker Hall, was the next step in the preparations. St. Pats. was celebrated on March 10th and it is our hope that it will long be remembered by all those

present as the most gorgeous and magnificent celebration in the history of M. S. M.

In athletics the class of '21 was well represented, White, Wilson, Stevens and Place (captain elect) were on the football team and Dorris and Rohloff represented the class in Basket Ball.

In all other school activities, the class as a whole and individually has always taken a leading part. Everything that was for the benefit of M. S. M. as a better and greater institution was ardently undertaken by every member of the class, no matter how arduous the task was.

When we return next year, we shall hope to find the Class of '21 over strong and full of that old M. S. M. pep which has always been dominant since the days when we were Frosh. Those who return will return eager to make the last year in the history of the school even greater than the three years just completed.

OFFICERS

A. F. DELALOYE	President
A. B. NEEDHAM	Vice-President
V. I. KEETER	Secretary
H. A. HOLLINGSHEAD	Treasurer

STUDENT COUNCIL

H. O. NORVILLE

K. W. BOOKER



ROLLAMO

Juniors

ALBERTS, HYMAN ISADORE	St. Louis, Mo.
ALLISON, HAROLD TARRIS	Caddo, Texas
BAILY, HAROLD LELAND	Virginia, Ill.
BLOOM, GEORGE BARNETT	Maysville, Mo.
BOOKER, KARL WILLIAM	Kansas City, Mo.
BURFORD, CARROLL PRESTON	Beaumont, Tex.
CHANG, KUANG YU	Kung-Hsien, Honan, China
CHARLES, BERYL ELWOOD	Salina, Kan.
COLBERT, JULES PHILIP	Maryville, Mo.
CROW, WYMAN	St. Louis, Mo.
DAVIDSON, LEWIS ELY	Savannah, Mo.
DELALOYE, AUGUST FRANCIS	Rolla, Mo.
DENISON, WILLIAM ROY	Rolla, Mo.
DONAI, WILLIARD BARTHOLOMEW	Des Moines, Ia.
DORRIS, MILBURN LEE	Collinsville, Ill.
DREIDEL, EUGENE	St. Louis, Mo.
FISCHLOWITZ, VICTOR K.	St. Louis, Mo.
FORMAN, PERCY GRANT	Shelbina, Mo.
GUY, EARL MCKINLEY	Davenport, Ia.
HAWN, ABNER DECKER	Muscatine, Ia.
HARLOWE, LESLIE STEELE	Covington, Ind.
HOLLINGSHEAD, HOMER ARCHER	St. Joseph, Mo.
HOAK, WILLIAM	Lees Summit, Mo.
HUGHES, HARRY HERBERT, JR.	Santa Monica, Cal.
HURST, HENRY WILLIAM	Kansas City, Mo.
ILLIDGE, ROBERT EUGENE	Corbette, Ore.
JOHNSON, RICHARD LOVE	Henryette, Okla.
KEETER, VERN IVAN	Maysville, Mo.
KERR, HOMER CHALMERS	Rolla, Mo.
KOSKY, JOHN	St. Louis, Mo.
LAUN, ALBERT CHARLES	St. James, Mo.
LLOYD, SAMUEL HORACE	Vincennes, Ind.
LUCKFIELD, WILLIAM RICHARD	Kansas City, Mo.

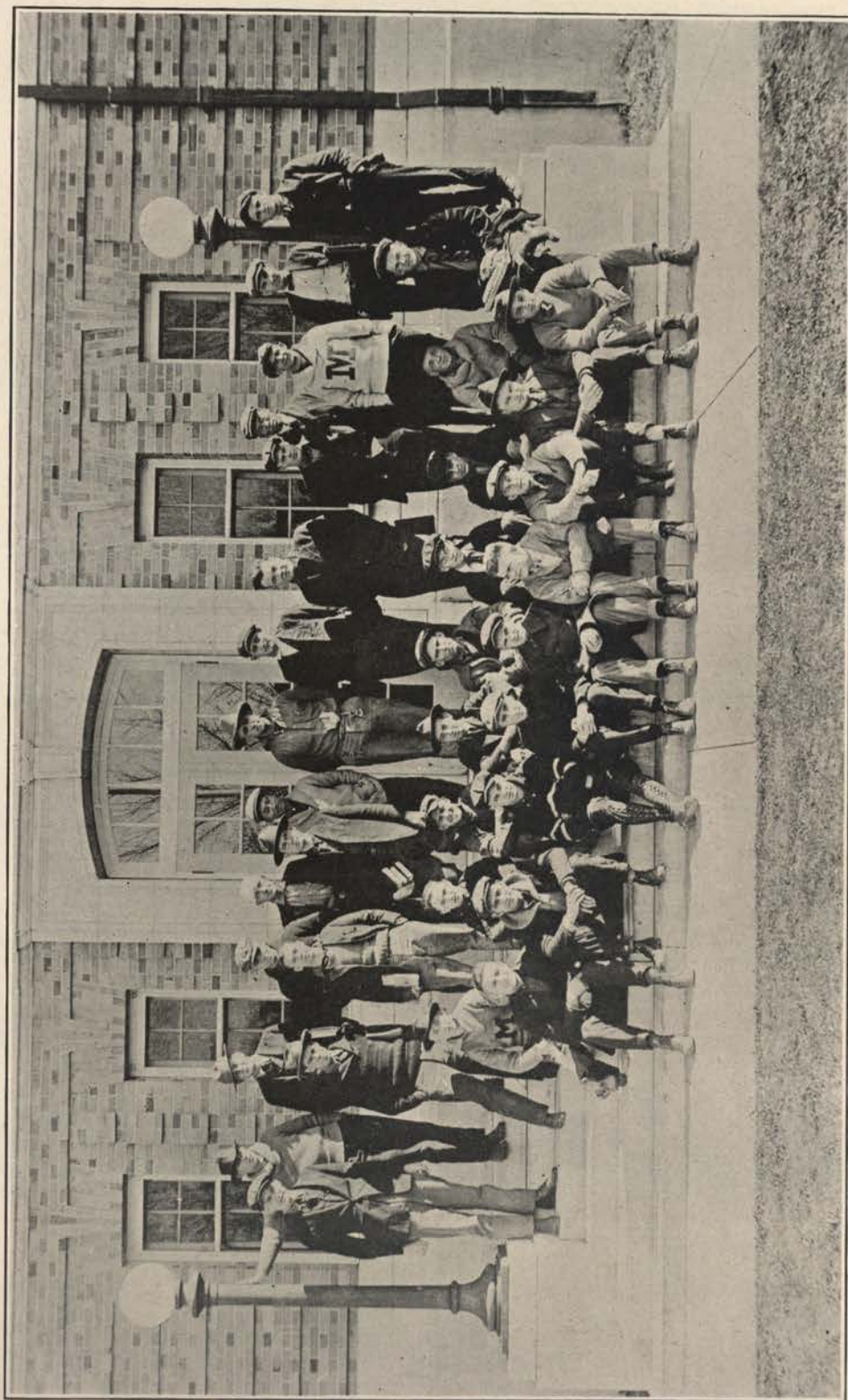


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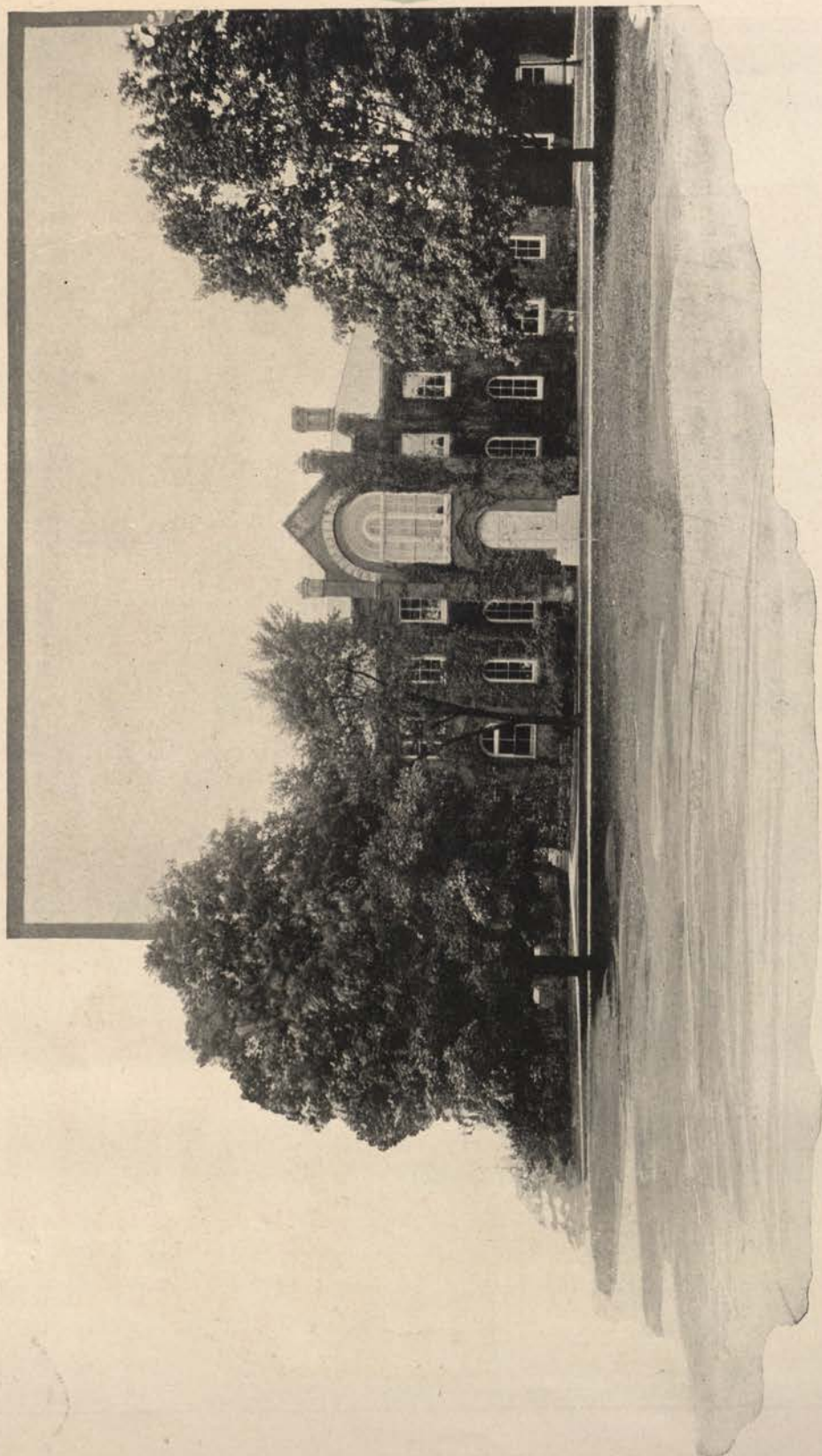
LUMPKIN, LOYD EARL	Jefferson City, Mo.
MA, HENG YUNG	Amyang, Honan China
MCCOMB, WILLIAM RANDOLPH	St. James, Mo.
MCGILL, JAMES NATHANIEL	Odessa, Mo.
MUNDT, HERBERT WILLIAM	St. Louis, Mo.
MUTZ, HERMAN JACOB	Elizabethtown, N. M.
NEEDHAM, ALBERT BOOTH	Collinsville, Ill.
NEVEDOMESKY, WILLIAM FERDINAND	St. Louis, Mo.
NIGHSWONGER, RAY DEAN	Cameran, Mo.
NORVILLE, HOWARD OLIVER	Beardstown, Ill.
NUDLEMAN, BARNEY	St. Louis, Mo.
PATERSON, HAROLD LORD	Warrensburg, Mo.
PLACE, ROSCOE NELVIN	Gallatin, Mo.
QUILLIAM, WILLIAM REED	Fowlerton, Tex.
ROHLOFF, JOSEPH HERMAN	St. Joseph, Mo.
SALMON, JULIUS CLARENCE, JR.	Rayville, La.
SCHUMACHER, LEON BURR	St. Louis, Mo.
SHERMAN, BENJAMIN EDWARD	Tahlequah, Okla.
SHIH, HSIN PU	Chi Yaun, Hoanan, China
STEVENS, THOMAS ADRIAN	Caney, Kan.
STEWART, WILLIAM LINCOLN, JR.	Pittsburg, Pa.
STROUP, RICHARD JOHN	Quincy, Ill.
WALLACE, MILTON WARDWELL	East Orange, N. J.
WEBB, ALBERT LOOMIS	El Paso, Texas
WHITAKER, U. A.	Weaubleau, Mo.
WHITE, FRED POPE	Fort Worth, Tex.
WILLIAMS, ANVIL CLARK	Sullivan, Mo.
WILSON, JAMES MORTIMER	Hannibal, Mo.
WILSON, JOSEPH MORTLAND	Rock Rapids, Ia.



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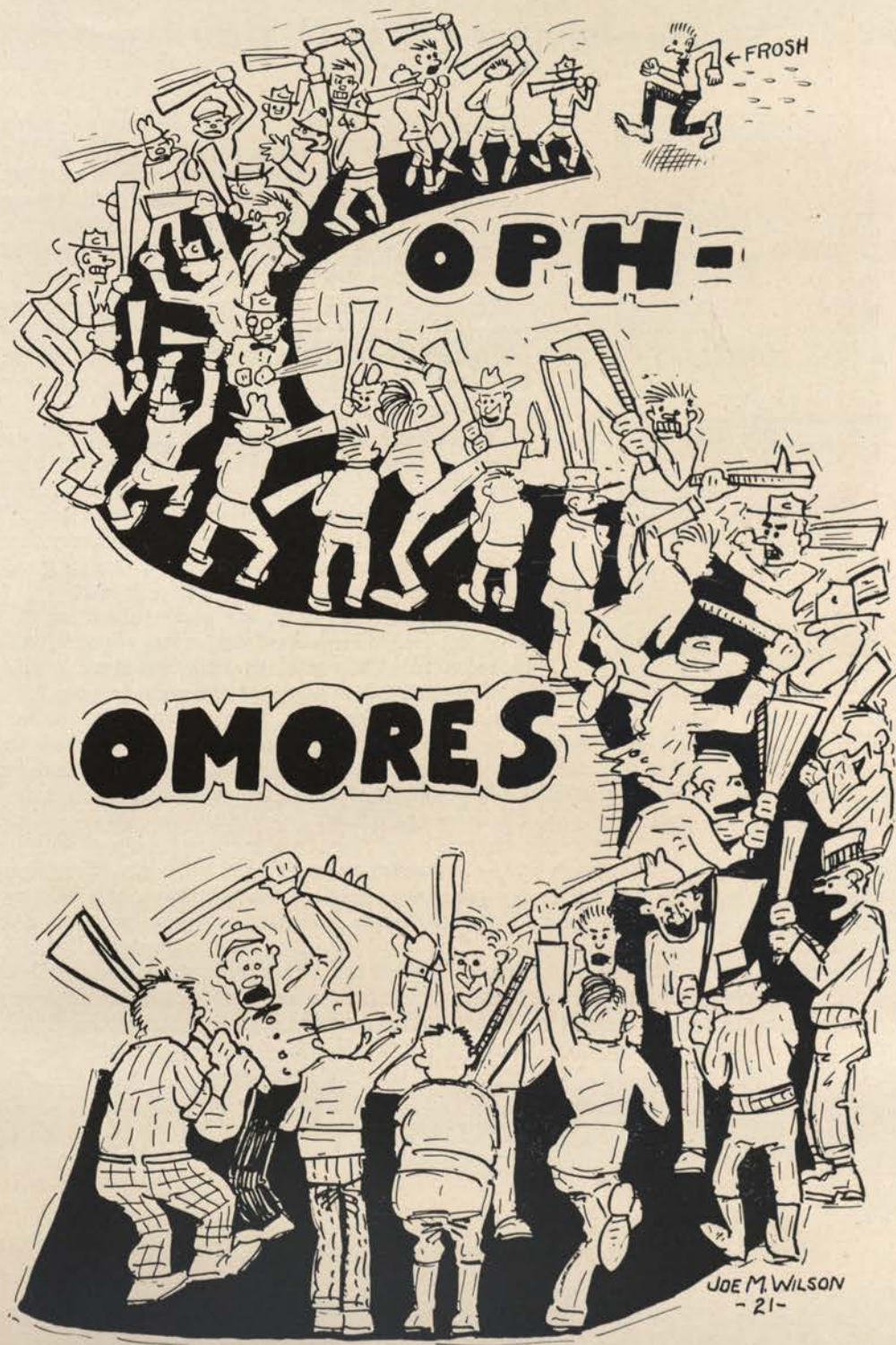


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ROLLAMO

Sophomore Class Review



During the first days of September we came to Rolla. The reception we received from the upper classmen was just the opposite from what we expected. The faculty had abolished hazing and the class fight was called off by common consent. But we found out that we were to pay for the courtesy of the upper classmen.

We hadn't been in school long before the government inaugurated the S. A. T. C. and we all remember the first day by the flag pole where you could win or lose any amount from a penny on upward in any way you chose.

Of the first men picked for Officers Training Camp from the S. A. T. C. were represented by two. But these two missed out on that delightful fifteen minutes between "call to quarters" and "taps" which was indeed very lively for the class of '22, and brought out some good talent in the form of singing, dancing, etc.

In the football game, we easily defeated the Sophomores. Our class has always been well represented in the various varsity teams.

This year the story was entirely different. Not a few of our men dropped out of school in January and the following September, yet when we took count we numbered over seventy. Several new men and all ex-service men returned to swell our ranks, and will you ever forget the morning of Sept. 9, 1919, as with rope in hand you entered that immortal fourteen minute battle when was such a decided victory for us although the odds were against us.

And will you ever forget that famous street fight preceding the class fight in which paddles and other such available weapons were used with no discretion whatsoever, much to the soreness of many who participated, and after this victory the parade of the "Frosh" thru town to Frisco Pond, where they went thru a hundred yard gauntlet in the pond. This was certainly a just repayment for the many nights of our Freshman year spent in barracks, when we furnished the smiles.

Thus we close, hoping that our spirit will continue heretofore and our achievements do credit to this spirit and these recollections of the days spent at M. S. M. be a solace after a useful career in our chosen professions.

CLASS OFFICERS

W. R. GETTLER	President
R. H. KNIGHT	Vice-President
G. J. CHRISTNER	Secretary



ROLLAMO

Sophomores

ACKERS, ALBERT LOUIS	Staunton, Ill.
AHRENS, HEBERT EMMET	Corning, Mo.
ARNOLD, PAUL CADWELL	Tulsa, Okla.
BAXTER, WILLIAM HAMPTON	Oklahoma City, Okla.
BELT, WILLIAM WEEKS	Springfield, Ill.
BRANDENBURGER, OSCAR LEWIS	Belleville, Ill.
BULGER, JOHN LEE	Gouvernour, N. Y.
BOYLE, ALFRED ARTHUR	St. Louis, Mo.
DE CARDENAS, EMILIE	La Paz, Bolivia
CHILDRRESS, HAROLD LULE	Galena, Kan.
CHRISTNER, GLEN JOYCE	Horton, Kan.
COFFMAN, FRANK W.	Liberty, Mo.
DE COUSSER, KURT HERMAN	Rolla, Mo.
CROUSE, GEORGE TODD	Kansas City, Mo.
COFFEY, GLEN VERLAN	La Fountaine, Ind.
CASE, WALKER EARNEST	Rolla, Mo.
CRAWFORD, HOWARD STANLEY	Rivera, Cal.
DENISON, ALVIS FREDERICK	Cushman, Ark.
DEVEROUX, ANDREW	Puchuca, Hgo, Mex.
DIERS, GEORGE PETER	East Orange, N. J.
DIERS, HENRY ERNEST	East Orange, N. J.
DOVER, FAYETTE LEE	St. Louis, Mo.
DOUGHERTY, JOHN HERMAN	Peoria, Ill.
EVANS, JOHN RAYMOND	Chillicothe, Mo.
ERICKSON, ROY	Madrid, Iowa
EHLER, OTTO	Washington, Mo.
FRAZIER, ALEXANDER JOSEPH	Beardstown, Ill.
FISCHER, OTTO EARNEST, JR.	St. Louis, Mo.
FRY, MUIR LUKIN	Bunker Hill, Ind.
GOLLUB, MEYER	St. Louis, Mo.
GETTLER, WARREN ROY	Hannibal, Mo.
GHOLSEN, JOHN D.	Ranger, Tex.
HAGOOD, LONDELL	Marshall, Mo.
HAMMER, BERNARD ELI	Stanton, Mo.
HATMAKER, PAUL CASTLETON	Gouvernour, N. Y.
HENDERSON, FRANK IRVING	St. Louis, Mo.
HUNT, RUSSEL WAYNE	Independence, Mo.
HOSTERMAN, JOHN FRANCIS	Kansas City, Mo.
HAYES, STANLEY MORTON	Wellsville, Mo.
HALSEY, FRANCIS RICHARD	Maryville, Mo.
HARBISON, LYNN	Kansas City, Mo.
HECKMAN, REN MACLIN	Liberty, Kan.
HEID, JOHN LAURENCE	Cairo, Ill.
JONES, JAMES EWART	Pasadena, Calif.
JEWELL, JAMES EDWIN, JR.	Kansas City, Mo.



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KALEY, CHARLES BAYARD	Gouvernour, N. Y.
KEELER, EDGAR ALLEN	Tulsa, Okla.
KEELER, WILLIAM WEAVER	Tulsa, Okla.
KILPATRICK, HENRY GRAY	St. Louis, Mo.
KIMMEL, VICTOR EDWARD	Rochester, N. Y.
KAULLEN, FREDERICK ADAM	Jefferson City, Mo.
KENYON, RANDLE ADAM	Rolla, Mo.
KENYON, RUSSEL GEORGE	Rolla, Mo.
KARGER, PAUL HENRY	Kansas City, Mo.
KNIGHT, RALPH HENRY	St. Louis, Mo.
LONG, ALBERT EDWIN	Rolla, Mo.
LEONARD, HOMER LAKIRBY	Rolla, Mo.
LOESCHE, HARRY CHARLES	St. Louis, Mo.
METZGER, WILLIAM HERMAN	E. St. Louis, Ill.
MOORE, ROBERT DOUGLAS	Carthage, Mo.
MACHIN, EDWIN GILBERT	Blufftown, Mo.
OHNSORG, EDWARD G.	Alton, Ill.
OTTERSBACK, DAVID MAURICE	St. Louis, Mo.
PACE, HENRY HARDING	Alton, Ill.
PACKMAN, NATHAN	St. Louis, Mo.
PLACE, OTIS KIPLING	Gallatin, Mo.
REID, SIDNEY KINCAID	McAlester, Okla.
RICHARDS, ROBERT EARL	Hutchinson, Kan.
RIXLEBEN, BRUNE	Jonesboro, Ill.
REMBERT, EARNEST WAYNE	Jefferson City, Mo.
SIGNER, MORTON IRA	Tonica, Ill.
SMITH, CHARLES LANDON	Rolla, Mo.
SMITH, PEYTON-WEIMYSS	Oklahoma City, Okla.
SMITH, RALPH DAY	Hutchinson, Kan.
STASSON, ROBERT HENRY	Rolla, Mo.
TRAGITT, EDMUND ROWLAND	Rolla, Mo.
TEIS, KENNETH ROBERT	Parkville, Mo.
WATTS, ANDREY BYRON	Frederickstown, Mo.
WEIR, THOMAS GLOVER	Webster Grove, Mo.
WINDSER, PAUL DONOVAN	Belleville, Ill.
WGLVERTON, THATCHER SEPRELL	Green River, Utah
WYMAN, GLEN SHERMAN	Kansas City, Mo.
WHEELER, ERNEST STERLING	Madrid, Ia.



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FRESHMEN



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Freshman Review



ZOLLER

A few of our men who were not killed in the rush succeeded in enrolling at good old M. S. M. as the Class of '23. By no means was this gift of good judgment limited to the sixty-eight Missourians of our class; for we have represented in our number forty-three from fifteen other states. Besides these we boast of four Peruvians and one Norwegian, making a grand total of one hundred sixteen, which gives us the distinction of being the largest class that has yet enrolled at the School of Mines.

Upon being formally ushered into M. S. M., we were of course, subjected to a close and careful scrutiny by the upperclassmen. Realizing from the first our positions as Freshmen, we have observed all decrees of the upper classes with a spirit and desire to keep alive the old-time customs and traditions of the school. The faculty's views and definition of the term "hazing" no doubt saved us—and the Sophomores too—from feeling more of the glowing effects of the pine paddle; but we do not thank the faculty for thus coming to our "rescue", for we believed then, as we do now, that a good initiation in the customs of the school and the strict observance of the school's traditions are essential parts of a college education.

Very few people had the pleasure of reading the TAKE HEED proclamation issued by the Sophomores this year. Our G-2 was on the job; and, during the early morning hours, Freshman posters were pasted over the Soph's proclamation, and so the chagrined '22 men had to go to the trouble and expense of getting out another edition.

We encountered the Sophomores in the usual class fight, and in this we found

ROLLAMO

some real sport. The night preceding the fight was spent at the Fair Grounds where we slept on the ground beneath a smiling autumn moon. The next morning, under the command of Updike, we marched in a column of squads up Pine street, thence to the campus in front of the Chemical building where we met the Sophs in the scheduled mortal combat. The battle raged fiercely; and for about ten minutes the "fortunes of war" were decidedly with us. However, a sudden turn of the tide came; and, after fourteen minutes of rough and tumble, the Sophomores were declared victors. Daubed with green paint, and appropriately placarded, we were marched to Jackling Field where we put on the customary circus. That night we were the guests of the Sophomores at a smoker given in the gymnasium, and on October 15, we gave a return smoker.

No green caps were here for us to don on Green Cap Day, and so from September 8, until October 24, when they finally arrived, we braved the elements with what protection nature had provided for our humble heads. The caps were worn from October 24, until December 6, when, by order of the Student Council, they were discarded.

CLASS OFFICERS

H. E. ZOLLER	President
W. A. KITCHEN	Vice-President
D. G. GIBSON	Secretary
W. N. MURCH	Treasurer



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Freshmen

ANANOS, RAUL ALFREDO	Ayacucho, Peru, S. A.
ANDERSON, ROBERT CHAMBLIN	Higginsville, Mo.
ANDREWS, JOHN LEWIS	Puxico, Mo.
ASKINS, BENJIMAN FRANKLIN	Cuba, Mo.
BACKER, WILLIAM	Webster Groves, Mo.
BARTER, LOUIS SCHNUR	Mt. Vernon, Ind.
BEDELL, MILO NANSON	St. Louis, Mo.
BOWMAN, KINGSTON MILLER	Keokuk, Ia.
BURCH, IVAN C.	Georgetown, Ill.
BURKE, STEPHEN MICHAEL	St. Louis, Mo.
BUSER, HENRY CLARENCE	Webster Groves, Mo.
CAMPBELL, JOSEPH LAMBERT	Rolla, Mo.
CANALES, FRANCISCO ALEXANDER	Ayacucho, Peru, S. A.
CANTWELL, LUCIUS	St. Louis, Mo.
CASSIL, LAWRENCE	Mountain Groves, Mo.
CATHCART, EVERETT HUNTER	Kansas City, Mo.
CHAPIN, ELMER FENTON	E. St. Louis, Ill.
CHAPPUIS, ALFRED STARKLOFF	Springfield, Mo.
CHOMEAU, HENRI	Clayton, Mo.
CORENBAUM, JOSEPH ISREAL	Pawtuckett, R. I.
DIERKING, GEORGE THOMAS	St. Louis, Mo.
DOOLEY, GLENN ANGUS	Joplin, Mo.
DUNLAP, MYRON NORMAN	Monett, Mo.
FISCHER, PAUL EDGAR	Webster Groves, Mo.
FLECK, HOWARD	El Paso, Tex.
FRAME, WAYNE SHANNON	Salesville, Ohio
FREY, MUIR LUKEM	Bunker Hill, Ill.
GALLAWAY, NIXON BURTON	Soyth Bend, Ind.
GALLAWAY, ROBERT SAMUEL	South Bend, Ind.
GATTS, WILLIAM PRESCOTT	Hannibal, Mo.
GIBSON, DOD GRAHAM, JR.	Webster Groves, Mo.
GORDON, JOHN PEMBERTON, JR.	Jefferson City, Mo.
GRADY, ROBERT FRANKLIN, JR.	St. Louis, Mo.
GREGG, JAMES LAWRENCE	Independence, Mo.
HARPER, ROBERT GLADSTONE	Kenett, Mo.
HARRIS, JAMES VAN	Morley, Mo.
HEALEY, MICHAEL VISCOUNT	Macon, Mo.
HECKENBERG, EDGAR WILLIAM	St. Louis, Mo.
HEGWER, PAUL J.	Sarcoxie, Mo.
HENDRY, DAVID JOHN	St. Louis, Mo.
HOFFMAN, RALPH ANDREW	Wichita Falls, Tex.
HOLLOW, FRANCIS HERRON	Cuba, Mo.
HOMER, ST. CLAIR	Caddo, Okla.
HOOVER, B. F.	Trenton, Mo.
HUBBARD, HENRY GUERNSEY	Crescent City, Fla.
HUNTER, FRANCIS K. M.	Spuyten Duyvil, N. Y.
JAMESON, CHARLES WILLIAM	Ft. Smith, Ark.
JEWELL, ARMIN BREBE	Kansas City, Mo.



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JOHNSON, WALTER VIRGIL	Cuba, Mo.
KASEL, RUDOLPH GUSTAVE	Washington, Mo.
KEYES, IRWIN WILSON	Richmond, Mo.
KITCHEN, WILLIAM ANTHONY	Rolla, Mo.
KNIGHT, JESSIE RAY	Gallatin, Mo.
KRATZ, FRANCIS OLIVER	Iola, Kan.
LAPEE, ROLAND JOSEPH	Sullivan, Mo.
LAYTON, BENJAMIN MCCOLLOCH	St. Louis, Mo.
LINDGREN, ROY ALEXANDER	Chicago, Ill.
LINZER, LEO MORRIS	New York City, N. Y.
MCBRIDE, HOLLIS EUGENE	Cape Girardeau, Mo.
MCCLELLAN, MAURICE HUNTER	Eminence, Mo.
McHUGH, OWEN PAUL	Hartshore, Okla.
McKEE, SAMUEL JOSEPH	Joplin, Mo.
McKEY, HOWARD EUGENE	St. Louis, Mo.
MARTYN, PHILLIPS FRANCIS	Cuba, Mo.
MATLACK, FRED PAULMORE	Overland, Mo.
MEEKS, FELIX ZOLLOCOFFER	Marshall, Mo.
MEINECKE, EGMONT SAMUEL	Bay, Mo.
MENNIE, BILLY RAYMOND	Hannibal, Mo.
MILLIKAN, CARL E.	Buffalo, N. Y.
MOORE, HAMILTON	St. Louis, Mo.
MOSBY, DONALD SPEED	Jefferson City, Mo.
MOSENA, CHARLES CLIFFORD	Falls City, Neb.
MURCH, WILLIAM NUMAN	St. Louis, Mo.
MURPHY, JAMES KENNETH	Vinita, Okla.
MURPHY, RAYMOND EDWARD	Galena, Ill.
NAGLE, HAROLD ATLEY	Caney, Kan.
NAWN, GEORGE FRANCIS	Rolla, Mo.
NUNALLY, HILLIARD NOLAN	Texarkana, Tex.
ORNSORG, EDWARD GEORGE	Alton, Ill.
ORMSBEE, LEE	Strawn, Tex.
ORR, RAYMOND FITZGERALD	Webb City, Mo.
OWENS, IRVINE KING	St. Louis, Mo.
PACE, HENRY HARDING	Alton, Ill.
PARKHURST, ARLIS BECHAM	Tulsa, Okla.
PENCE, HARRY SIMATON	Falls City, Neb.
PESOUT, EDWARD	St. Louis, Mo.
PITMAN, RAYMOND OTIS	Cartersville, Mo.
PORTER, EDWIN KEMP	Holden, Mo.
PORTERFIELD, HUBERT PRESTON	Hardin, Mo.
REEVES, JOHN MILTON	Anderson, Ind.
RILEY, HEORGE LYNE	Henderson, Ky.
ROBERTSON, SAYLE	Grant City, Mo.
ROUNTREE, NEWTON MARSHALL	Springfield, Mo.
RUNGE, CHARLES ADELBERT	Kirkwood, Mo.
RUOFF, CARL MATHEWS	Hannibal, Mo.
RUSSELL, RICHARD	Mineral, Kan.
SAMPLE, TRUMAN GEORGE	Farmington, Mo.
SAPPER, FERDINAND EUGENE	Galveston, Tex.
SCHAEFFER, AMMON DANIEL	Springfield, Mo.



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SCHMID, DUDLEY CHARLES	Sedalia, Mo.
SCHMIDT, KARL AUGUST	Springfield, Mo.
SCHWARTZ, HERBERT GRUMBACH	Syracuse, N. Y.
SIMMERMAN, JAMES RAYMOND	Virginia, Ill.
STUART, SAMUEL HENRY	Rolla, Mo.
TELLER, KEDZIE	Riverside, Ill.
TETER, WILLIAM EARL	Bunkerhill, Ill.
TEVIS, CHARLES CYRUS	Holden, Mo.
THOMAS, BURNS	St. Joseph, Mo.
THOMPSON, THOMAS MOFFET	Goodland, Kan.
THOMY, LAWRENCE	St. Louis, Mo.
TORRENCE, EDWARD JAMES	St. Louis, Mo.
TURNER, WILLIAM ARCHIBALD	Kansas City, Mo.
UPDIKE, DONALD FOSTER	Plainfield, N. J.
WALLING, WILLIAM H.	Dayton, Wyo.
WALSH, DAVID FRANCIS	St. Louis, Mo.
WATKINS, MARION WHITFIELD	Memphis, Tenn.
WEBSTER, VANCE HERSHEL	Anderson, Ind.
WEIGEL, MELVIN POWELL	Fredericktown, Mo.
WEIMER, WALTER HENRY	Girard, Kan.
WELLS, HARRY	Licking, Mo.
WENDELL, EVERETT JOHN	Peoria, Ill.
WESTGARD, JAMES ARNE	New York City, N. Y.
WHITTED, ROBERT MORRIS	Goodland, Kan.
WILKERSON, AUGUSTUS BENTON	Aurora, Mo.
WILLIAMS, MILLER	Jackson, Mo.
WILMESHERR, CHARLIE FRANK	Cuba, Mo.
WILSON, EDGAR MARK	Caney, Kan.
WIX, OSCAR LEE	Harrington, Del.
YORK, SAMUEL	Kirksville, Mo.
ZELLER, GEORGE AUGUST	St. Louis, Mo.
ZEVALLLOS, ROBERT CAVERO	Callao, Peru, S. A.
ZIEGLER, WILLIAM CLARK	Providence, R. I.
ZOLLER, HENRY EUGENE	Tulsa, Okla.
ZOOK, SAMUEL IRVIN	Buffalo, Kan.



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VOCATIONAL MEN



JOE WILSON



ROLLAMO

Vocational Men

STUDENTS (Federal Board for Vocational Education)

AID, KENNETH	Gallatin, Mo.
ALTON, WILLIAM JOSEPH	Columbia, Mo.
AXTON, ELMER RAY	Hoyt, Colo.
BISCH, FELIX GROVER	Bonne Terre, Mo.
CAMPBELL, CHESTER WILBER	Sedalia, Mo.
CASSIL, LAWRENCE A.	Mountain Grove, Mo.
CHAPIN, ELMER FENTON	E. St. Louis, Ill.
CLOUD, NOAH	Aurora, Mo.
COAKLEY, JOHN LEONARD	Kansas City, Mo.
COPE, OLIVER CARROLL	St. Louis, Mo.
DAVIS, WHITNEY PAUL	Kansas City, Mo.
DOESON, GEORGE CLARENCE	Desoto, Mo.
ENGELAGE, VICTOR FREDERICK	Syracuse, Mo.
EVANS, OTTO HENRY	Meta, Mo.
EVANS, OWEN RICHARD	Granger, Mo.
FARMER, SAMUEL DEWITT	Galena, Kan.
FRILLMAN, FLORIAN LEWIS	St. Louis, Mo.
GRAHAM, MAURICE P.	Sedalia, Mo.
HAYES, STANLEY MORTON	Wellsville, Mo.
HOLLAR, PERCY ALVIN	Topeka, Kan.
HOWARD, MAX RAYMOND	Springfield, Mo.
HUCKINS, JULIAN GREENWAY	Kirkwood, Mo.
KIMBLE, DELAR	St. Louis, Mo.
KRATZ, FRANCIS OLLIVER	Iola, Kan.
KRUSE, EDWARD CONRAD	St. Louis, Mo.
KUHNEL, PAUL WAYNE	Seymour, Mo.
LAPEE, ROLAND JOSEPH	Sullivan, Mo.
MUDD, OSCAR PEYTON	Wellston, Mo.
NEUWIRTH, ALOIS GEORGE	St. Louis, Mo.
O'HARA, SAMUEK BURL	Rosendale, Mo.
OWENS, IRVIN KING	St. Louis, Mo.
RIDDLE, JOHN	Marion, Kan.
SANDERS, JAMES LEWIS	Doniphan, Mo.
SIEGLE, WILLIAM	St. Louis, Mo.
SMITH, ELWOOD TEMPLE	Kansas City, Mo.
SOUTHERN, CHRISTOPHER	Kansas City, Mo.
STUERMAN, HAROLD ARTHUR	St. Louis, Mo.
SULLIVAN, ROBERT	St. Louis, Mo.
TAULBEE, KELLY LYONS	Joplin, Mo.
THOMPSON, WILLIAM ELMER	Corning, Kan.
TODD, ROBERT ROCKFORD	Kansas City, Mo.
TURNER, HARLIN LIONEL	Moberly, Mo.
WELDON, ELZIE BRYAN	Fremont, Mo.
WHITAKER, ROBERT ADRIAN	St. Louis, Mo.
WYNN, CLARENCE MARION	Rolla, Mo.
YEAGER, ROBERT LEE	Joplin, Mo.
ZOOK, SAMUEL IRWIN	Buffalo, Kan.
ZINC, ROBERT EARL	Independence, Mo.
ZOGG, MARTIN FLORIAN	Granby, Mo.

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Special Students

BLANKENSHIP, DAVID ALDERSON	Beckly, W. Va.
DEL CAMPO, RENE CESAR	Havana, Cuba
COFEEN, JOHN MITCHEL	Sheridan, Wyo.
COLLET, CHARLES JOHN	Tulsa, Okla.
COLVILLE, GEORGE	Marceline, Mo.
CORNWALL, BENJIMAN SEDGELY	St. Louis, Mo.
CRAWFORD, HOWARD STANLEY	Rivera, Calif.
DENT, HAZEL RENA	Rolla, Mo.
EDGAR, WALTER THOMAS	Rolla, Mo.
ELIAS, ZELLA	Rolla, Mo.
FERER, HYMAN	St. Louis, Mo.
HABERTHIER, JOSEPH JOHN	Wichita, Kan.
HODGES, HORACE WILFRED	Bridgeport, W. Va.
JONES, MABEL OMA	Rolla, Mo.
KILGORE, SANFORD WALKER	Rolla, Mo.
KISKADDON, CHARLES GRAHM	Tulsa, Okla.
LEE, PAO-HO	Chi-Yuan, Honan, China
LENOX, JENNIE LYNN	Rolla, Mo.
LONGACRE, MYRON YOUNG	Pleasant Hill, Mo.
LYONS, JOSEPH JERRY	Springfield, Mo.
MACCALLUM, JOHN SEAVER	Joplin, Mo.
MCCLURKEN, RUSSELL CRAIG	St. Louis, Mo.
MITCHELL, HOMER EDWARD	Rolla, Mo.
OTTEN, CHARLES VICTOR	Iola, Kan.
PARKER, ROBERT LEE	Rolla, Mo.
RIGBY, JOHN HERBERT	Meeker, Colo.
RIGHTHOUSE, JAMES SHELBY	Iola, Kan.
SHERWOOD, RUTH GREEN	Kansas City, Mo.
STEVENS, HOYT	Webster Groves, Mo.
TAULBEE, KELLY LYONS	Joplin, Mo.
TEDFORD, DONALD SAMUEL	Diamond, Mo.
TRAGITT, ELIZABETH WEEDON	Rolla, Mo.
TURNER, BASIL HAROLD	St. Louis, Mo.
WAGNER, LOUIS PAUL	St. Louis, Mo.
WALLS, CECIL ALBERT	McAlester, Okla.
WERNER, WALTER AUGUST	St. Louis, Mo.
WHITNEY, HENRY MCLEOD	Kansas City, Mo.



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CO-EDS



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In Memoriam

ARMSTRONG, RICHARD EDWARD '08
Died November 18, 1919, Detroit, Mich.
from appendicitis operation.

BOYER, RAY VERNON ex '18
Killed September 11, 1919, Bartlesville, Okla.,
in an automobile accident.

CAPLES, JAMES WATTS '05
Died suddenly September 19, 1919
Leasburg, Idaho.

GRAY, WILLIAM DOUGLAS ex '19
Killed in action September, 1918, Argonne,
France.

JOHNSON, FRANK LINDLEY, ex '16
Died March 1920, Wabash Indiana,
of Influenza.

ROSENTHAL, GARFIELD, Sergeant Major, U. S. Engineers,
Instructor, R. O. T. C.
Burned to death in hotel fire March 1, 1920, Hennessey, Okla.

FREDERICK EAMES, '17
Died March, 1920, St. Louis, Missouri,
of pneumonia.



ROLLAMO

Degrees Conferred

1919

ENGINEER OF MINES

PRESTON KING HORNER, B. S. '06.
GILBERT FRANK METZ, B. S. '14

METALLURGICAL ENGINEER

JAMES PRESSLEY GILL, B. S. '18
KNUD FABRICIUS HANSEN, B. S. '18.
CLARENCE EUGENE PETERSON, B. S. '16.
FRANK LEONARD LEWIS WILSON, B. S. '08.

BACHELOR OF SCIENCE IN MINE ENGINEERING

LOUIS BRENT BENTON
PHILIP HARRIS BOHART
THOMAS RALPH CRAWFORD
RAYMOND JOHN DOWD
JOSEPH BENJAMIN DUGA
JOHN MUNSON MORRIS
THOMAS CARSON MORRIS
CHARLES MICHAEL SCHNAIDT

BACHELOR OF SCIENCE IN METALLURGY

JAMES WALTER SCOTT
VIVIEN XLY SMILEY

BACHELOR OF SCIENCE IN GENERAL SCIENCE

HARRY GILHAM SMITH

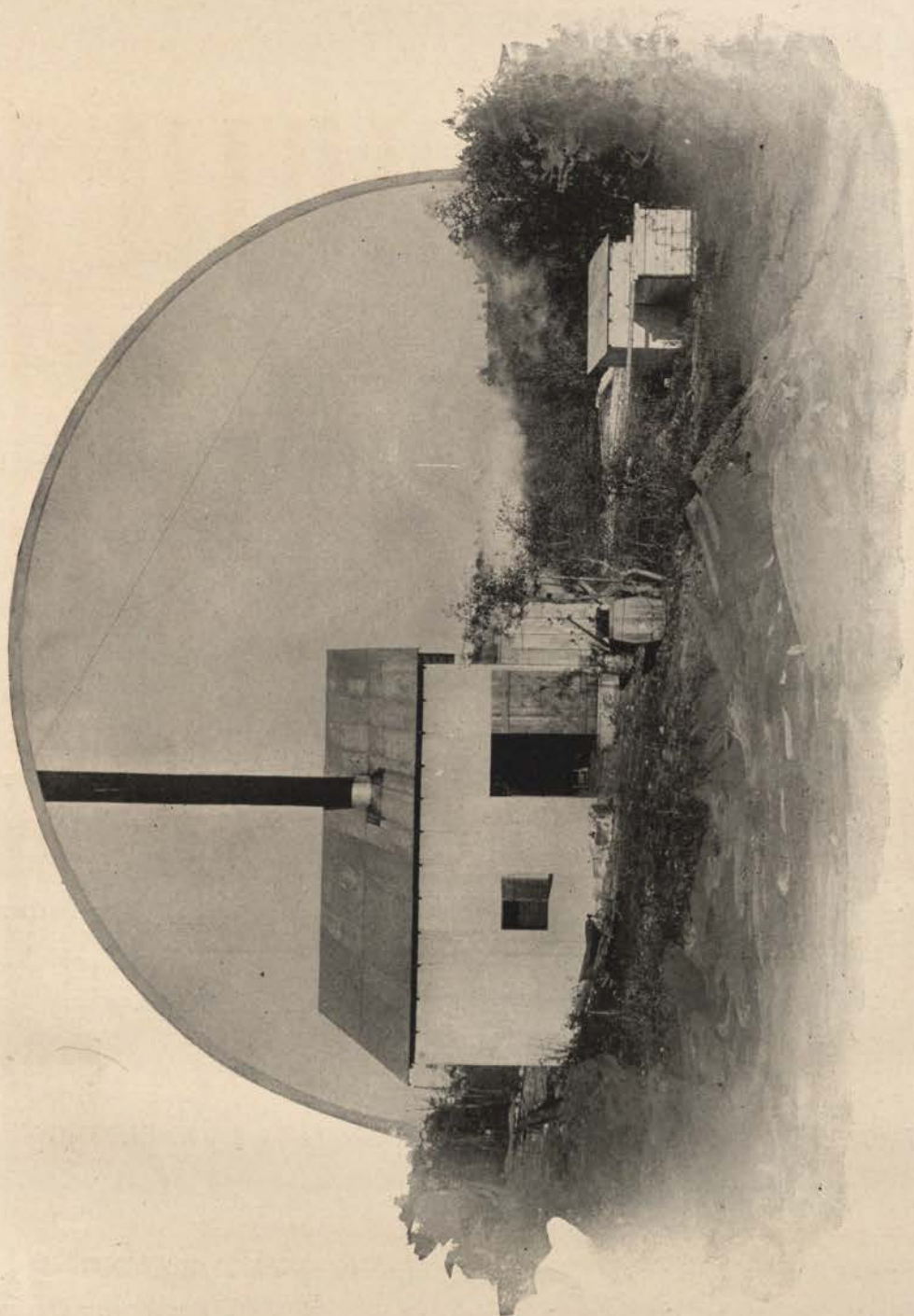
BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

WALTER FREDERICK LOTTMAN

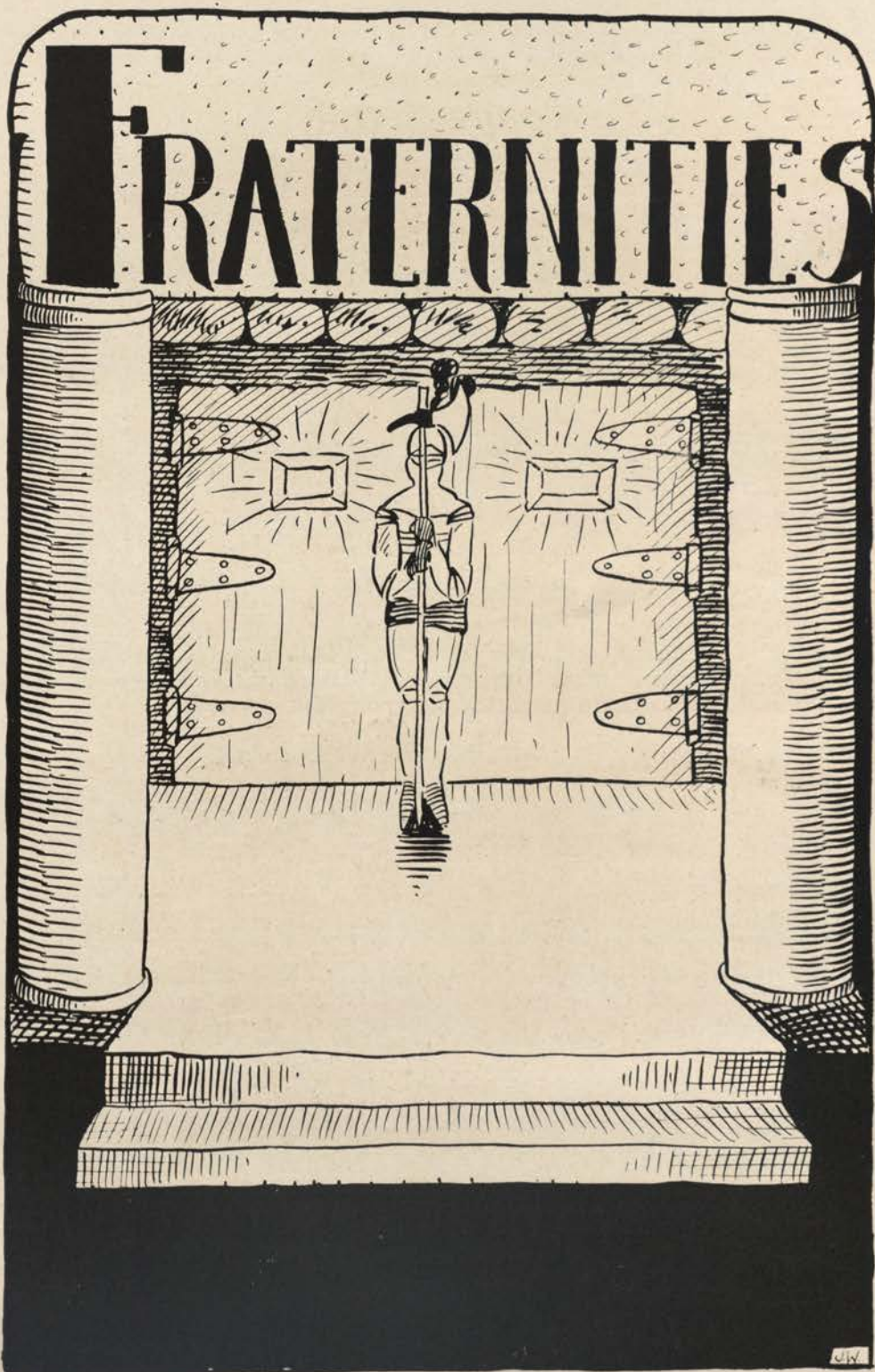
BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

BENJAMIN GUTHRIE NICHOLS
WILLIAM ELLSWORTH OYLER
PAUL DeLASSUS WILKINSON

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Kappa Sigma

Beta Chi Chapter

Installed Dec. 19, 1903

FRATRES IN UNIVERSITATE

SENIORS

H. F. SHORE
K. M. WRIGHT

D. C. BEYER
M. R. MANN

K. AID

JUNIORS

C. R. MIZE
F. P. WHITE
R. L. JOHNSON
J. R. STUBBINS
V. I. KEETER

H. D. SCRUBY
L. B. SCHUMAKER
W. R. LUCKFIELD
R. D. NIGHSWONGER
W. F. HOKE

SOPHOMORES

W. W. KEELER
J. L. CAMPBELL
A. E. LONG
S. C. MCCALLUM
E. A. KEELER

P. C. ARNOLD
J. D. GHOLSON
O. K. PLACE
H. C. KILPATRICK
F. I. HENDERSON

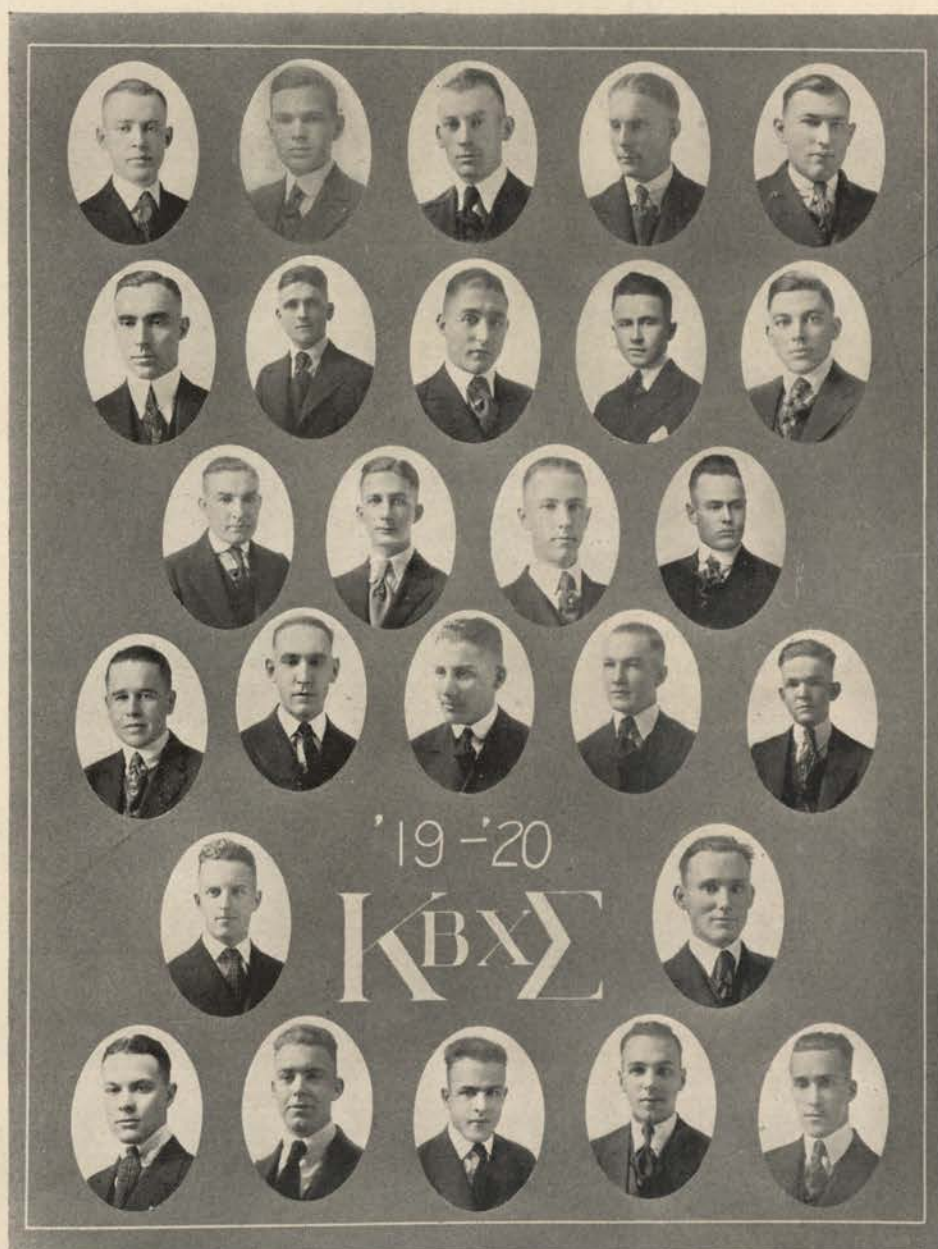
FRESHMEN

J. L. GREGG
I. K. OWENS

M. WILLIAMS
P. FISHER



ROLL AMO



ROLLAMO

Kappa Alpha

Beta Alpha Chapter

(Installed April 27, 1903)

FRATER IN URBE

COL. CHARLES L. WOODS

FRATER IN FACULTATE

CHARLES YANCEY CLATON

FRATERS IN UNIVERSITATE

SENIORS

MATTHEW PATRICK BRAZILL
CHARLES RUSSEL BARNARD
EDWIN JOSEPH BOHN

WILLIAM MISKEY TAGGART
ARTHUR HENRY PETSCH
GEORGE BURNET

JUNIORS

GEORGE BARNETT BLOOM

WAYMAN CROW

SOPHOMORES

JOHN HERMAN DOUGHERTY
NEWTON M. ROUNTREE

OSCAR LOUIS BRANDENBURGER
THOMAS GLOVER WEIR

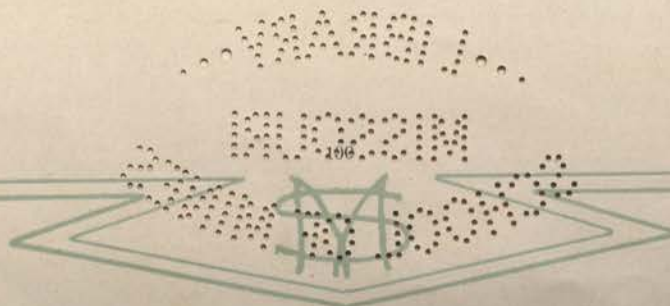
JAMES EWART JONES

FRESHMEN

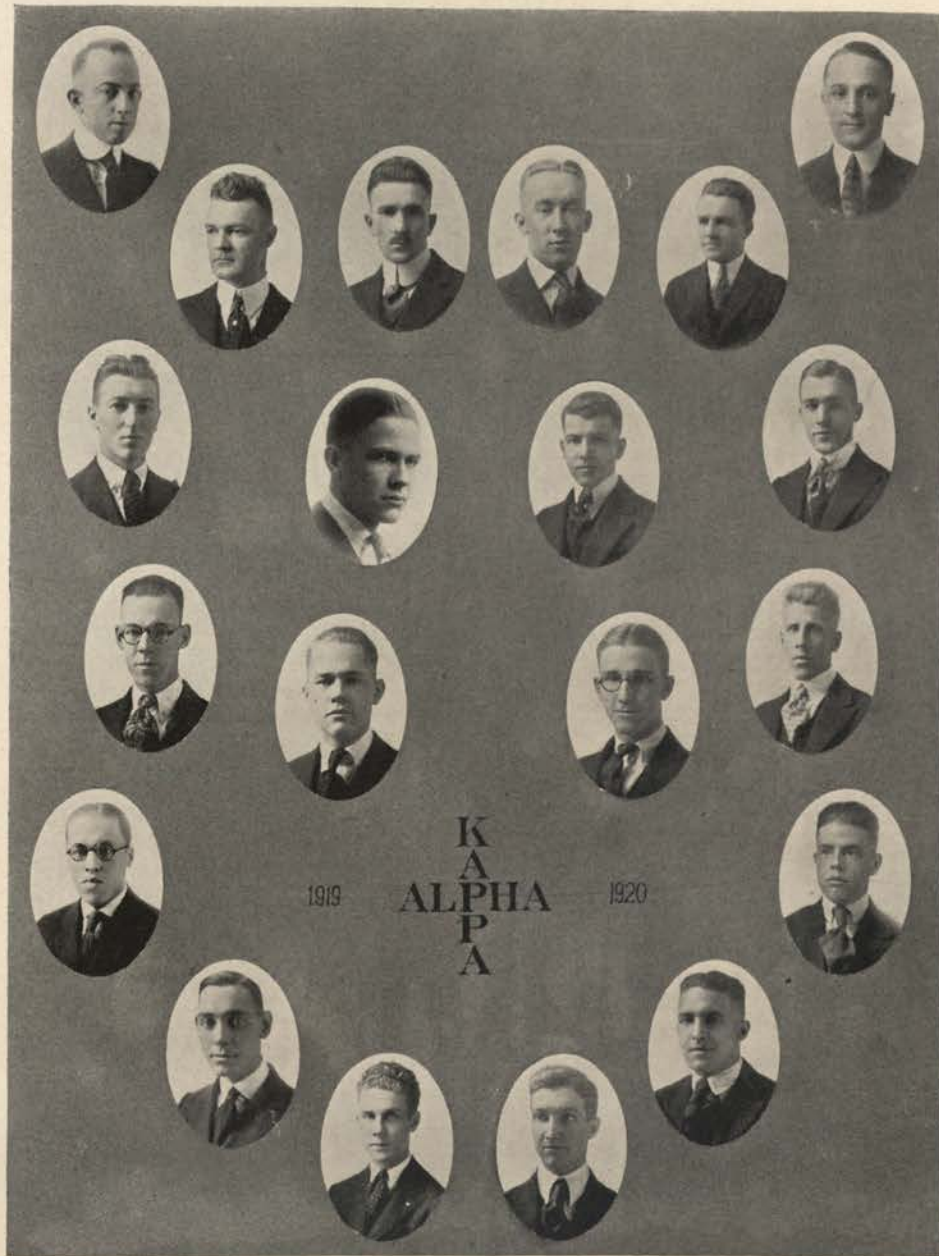
HERBERT G. SCHWARZ
WILLIAM NEWMAN MURCH
BARBOUR HAMILTON MOORE

DODD GIBSON
FRED PALMORE MATLACK
GEORGE THOMAS DIERKING

EVERITT JOHN WENDELL



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Gamma Xi Chapter

Established January 23, 1903

FRATER IN URBE

JOHN MCKNIGHT SOUTHGATE

FRATRE IN FACULTATE

JOSEPH WAYNE BARLEY

HENRY HORTON ARMSBY

FRATRES IN UNIVERSITATE

SENIORS

FRED VAIL MOORE

CARL ANDREW GETTLER
ARTHUR LEE CAIRNS
EDGAR ARTHUR WILLIAMS

ROBERT NEWTON STUBBS
CHARLES JAMES MILLER
RUDOLPH CHARLES SCHAPPLER

JUNIORS

HAROLD FORD PATTERSON
HOMER ARCHER
JAMES MORTIMER WILSON

JOSEPH MORTLAND WILSON
HOLLINGSHEAD
THOMAS ADRIAN STEVENS

SOPHOMORES

WARREN ROY GETTLER
EDWARD GEORGE OHNSORG

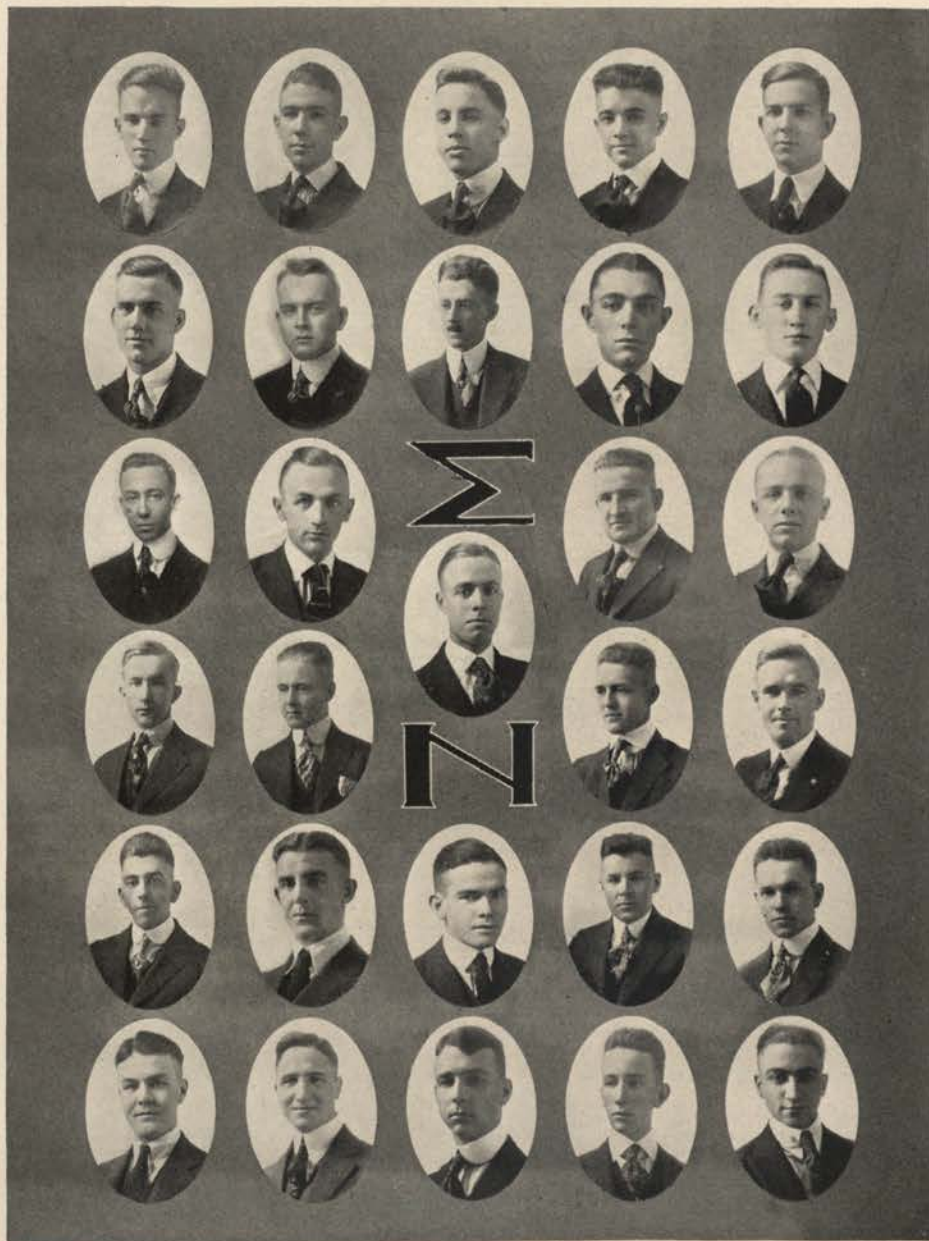
HENRY HARDING PACE
HOWARD STANLEY CRAWFORD

FRESHMEN

KARL AUGUSTUS SCHMIDT
HAROLD ATLEY NANGLE
BILLIE RAYMOND MENNIE
CHARLES JOHN COLLET
RAYMOND FITZGERALD ORR
EGMONT SAMUEL MEINICKE

EDGAR MARK WILSON
ALDFRED STARKLOFF CHAPPIUS
CHARLES GRAHAM KISKADDON
MARION WHITFIELD WATKINS
JOHN PEMBERTON GORDON
WILLIAM ARCHER TURNER

ROLLAMO



ROLLAMO

Pi Kappa Alpha

Alpha Kappa Chapter

(Installed December 2, 1905)

FRATRES IN UNIVERSITATE

1920

WILLIAM WALDBRIDGE WEIGEL
THOMAS WITT LEACH
CARL BERNARD HUMMEL

EDWIN LAWRENCE MILLER
MARK LOREN TERRY
ROBERT L. MARSTON

1921

VIRGIL LEE WHITWORTH
ANVIL CLARK WILLIAMS
KARL WILLIAM BOOKER
HARRY-HERBERT HUGHES, JR.
BENJAMIN SEDGELY CORNWELL

PERCY GRANT FORMAN
CARROLL PRESTON BURFORD
HOWARD OLIVER NORVILLE
JULES PHILIP COLBERT
WILLIAM L. STEWART

ALBERT LOOMIS WEBB

1922

MERTON IRA SIGNER
RUSSEL WAYNE HUNT
BRUNE RIXLEBEN
CHARLES LANDON SMITH
PEYTON WEMMYSS SMITH

JOHN FRANCIS HOSTERMAN
WILLIAM HAMPTON BAXTER
PAUL HENRY KARGES
GLEN SHERMAN WYMAN
HOMER LA KIRBY LEONARD

BENARD ELI HAMMER

1923

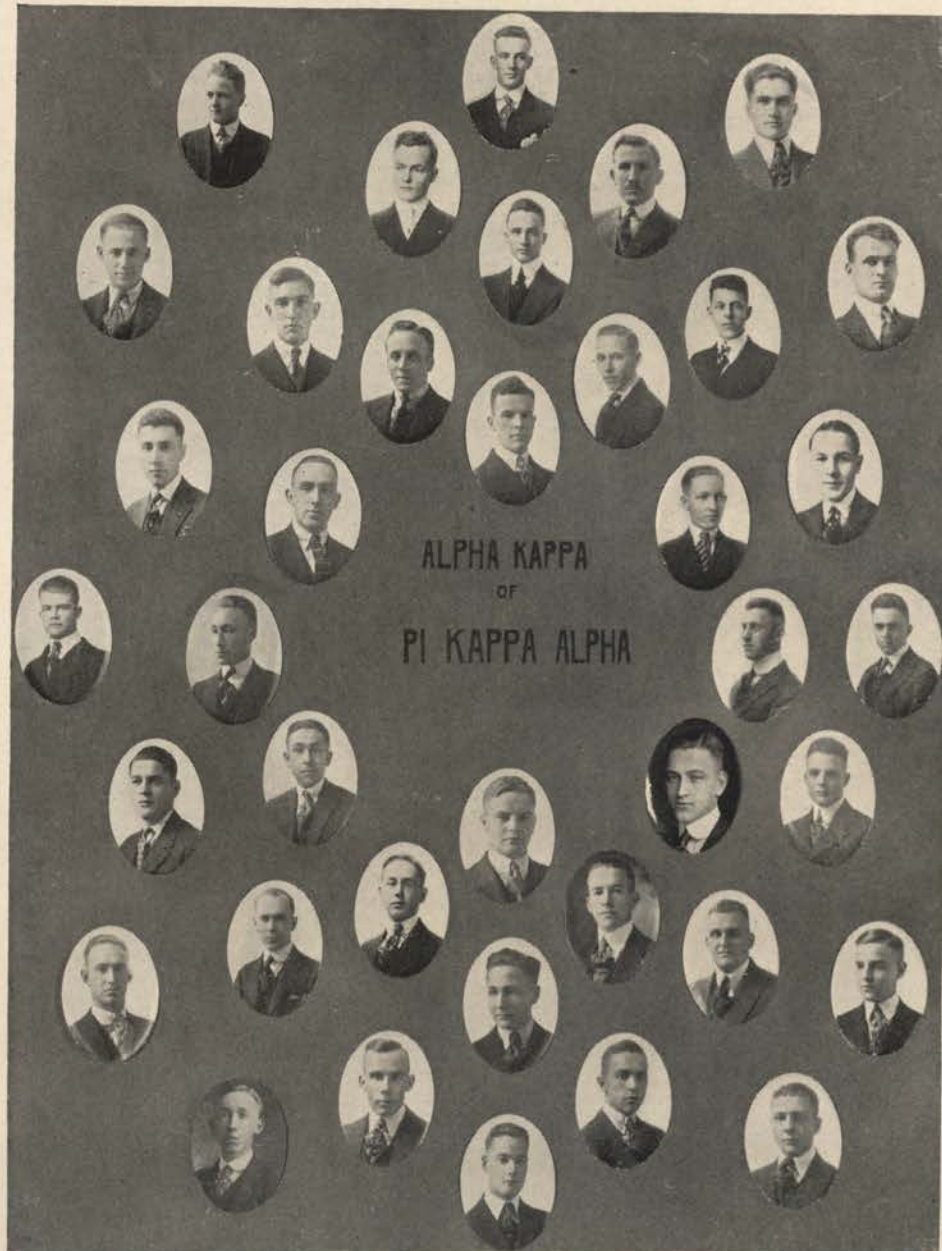
BENJAMIN LAYTON
MELVIN POWELL WEIGEL
HOWARD FLECK
DUDLEY CHARLES SCHMID

WILLIAM SAYLE ROBERTSON
IRVIN WILSON KEYES
HARRY SIMONTON PENCE
WILLIAM CLARK ZIGLER

GEORGE RILEY



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Lambda Chi Alpha

Alpha Delta Chapter

(Installed April 30, 1917)

HONORARY MEMBER

GENERAL JOHN J. PERSHING

FRATRES IN UNIVERSITATE

SENIORS

WESLEY GEORGE HIPPARD
MERRYL LOUIS MCCARTHY
ROBERT BRUCE, JR.
OSCAR ELY STONER

ARTILEUS VOSTEEN EULICH
EARLE NELSON MURPHY
HAROLD WALLER HURD
KENNETH CAMPBELL WILSON

GERALD E. EBMAYER

JUNIORS

ALBERT BOOTH NEEDHAM
ALBERT CHARLES LAUN

ROSCOE NELVIN PLACE
JOSEPH HERMAN ROHLOFF

MILBURN LEO DORRIS

SOPHOMORES

GEORGE COLVILLE
RALPH HENRY KNIGHT

KURT H. DECOUSSER
PAUL DONOVAN WINSBOR

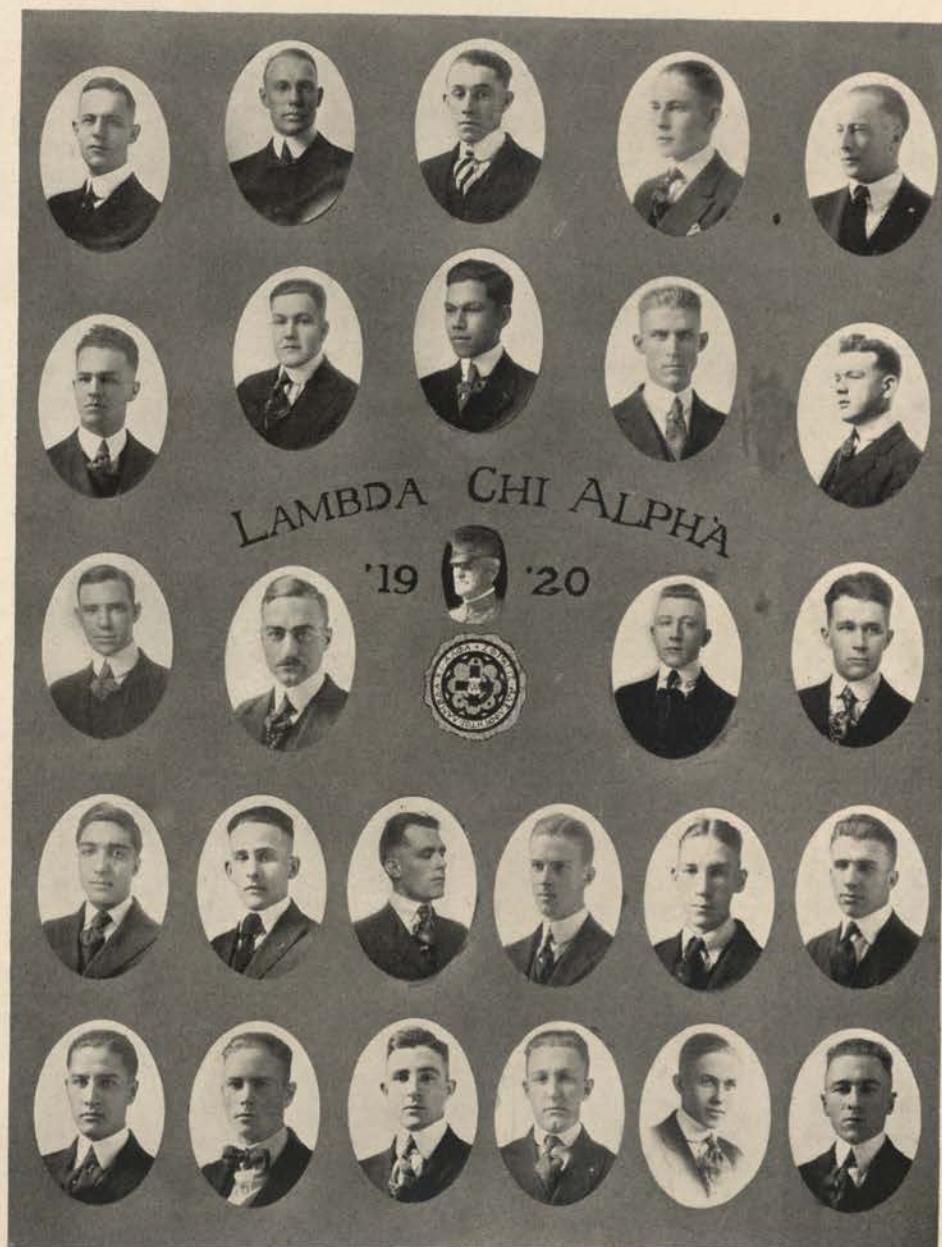
FRESHMEN

DONALD FOSTER UPDIKE
JAMES VAN HARRIS
HORACE W. HODGES
ROY C. LINDGREN

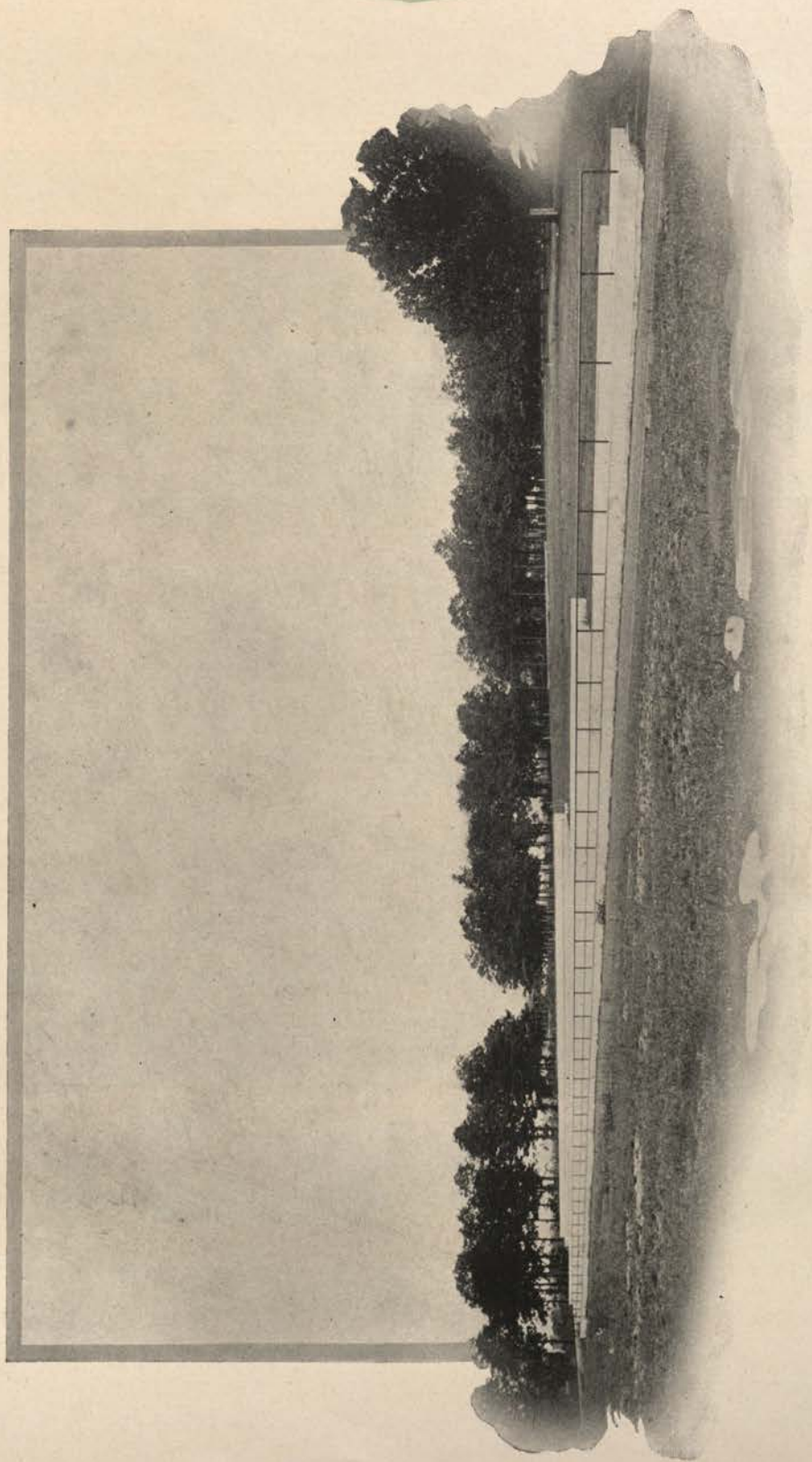
FRANK MIDDLETON HUNTER
JAMES K. MURPHY
ST. CLAIR HOMER
HUBERT P. PORTERFIELD



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A black and white cartoon illustration by Joe Wilson. The scene is set in a restaurant or banquet hall with several round tables and chairs. In the background, a crowd of people is cheering and raising their hands, with the sound effect 'DING DING' written above them. In the foreground, a man in a tuxedo is running towards the viewer, while a man in a suit is lying on the floor, and another man is running away from the viewer. The scene is filled with motion lines and a sense of commotion. The artist's signature 'Joe Wilson' and the number '21' are in the bottom right corner.

109



Grubstakers

SENIORS

A. D. POTTS
J. NOVAK, JR.
F. M. McMILLEN
R. O. SWAYZE
H. H. HOPPOCK
L. H. CUNNINGHAM
K. K. KERSHNER

H. H. WEISER
G. F. RACKETT
F. H. UTHOFF
G. A. KROENLEIN
E. A. SLOVER
W. KAHLBAUM
W. J. FINLAY

JUNIORS

R. J. STROUP
W. B. DONAI

M. W. WALLACE
F. A. KAULLEN
W. F. NETZEBAND

SOPHOMORES

E. S. WHEELER
J. E. JEWELL

R. O. ERICKSEN
T. S. WOLVERTON

FRESHMEN

A. B. WILKERSON
H. C. BUSER
W. H. WEIMER

K. A. TELLER
R. A. HOFFMAN
M. V. HEALEY
W. E. TETER



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GRUBSTAKERS



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Prospectors

SENIORS

QUILLIAM, Wm.
HOWENDOBLE, J. L.
GOLDSMITH, O.

HOWARD, C. P.
VELASCO, R. E.
ASHLOCK, E. E.
WALSH, T. P. F.

JUNIORS

SHANFELD, S. N.
DAVIDSON, L. F.
NUDELMAN, B.

HURST, H. W.
MUNDT, H. W.
ILLIDGE, R. E.
MUTZ, H. J.

SOPHOMORES

STUERMAN, H. A.
AHRENS, H. E.
EVANS, J. R.
BULGER, J.
CHILDERS, H. L.
REID, S. K.

FREY,
HATMAKER, P. C.
METZGAR, Wm.
KIMMEL, V. E.
KASEL, R.
KALEY, C. B.

FRESHMEN

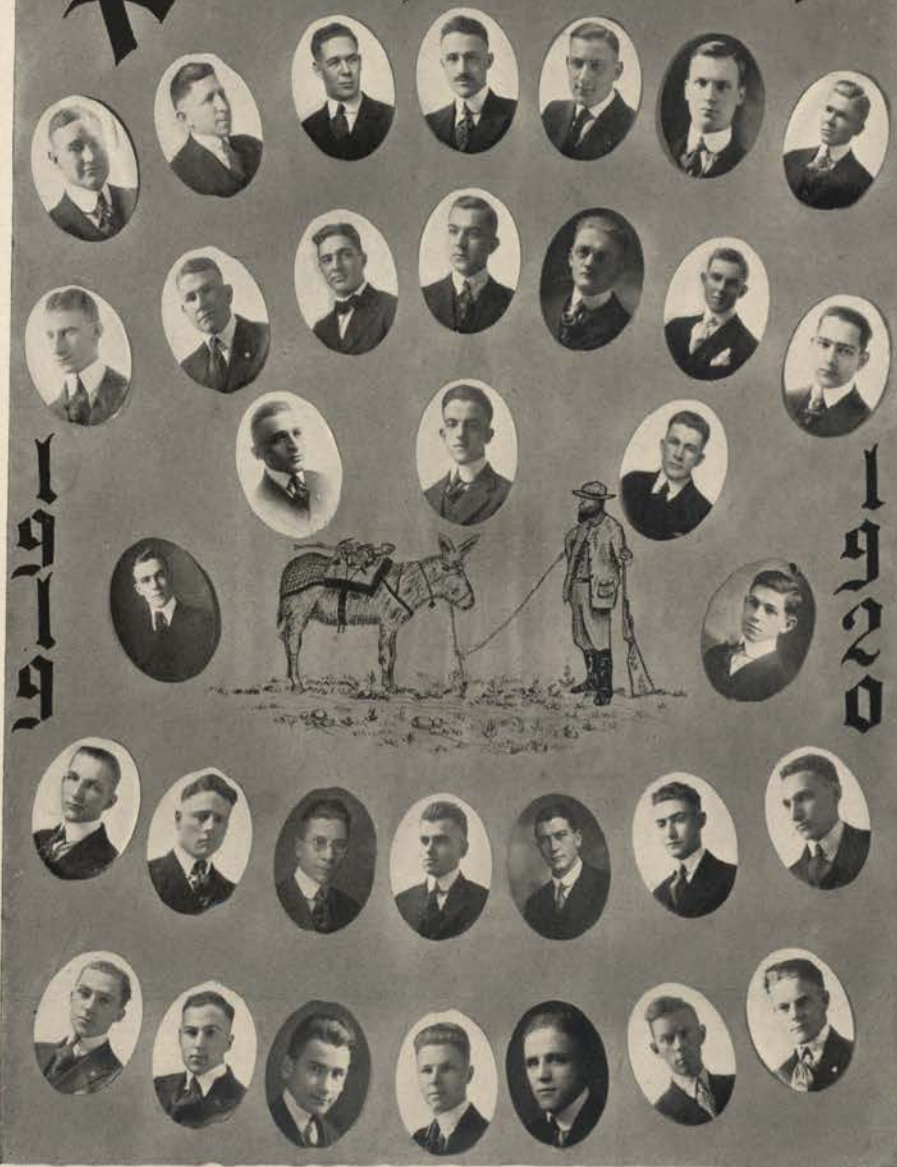
WALSH, D. F.
BURKE, S. M.
ZELLER, G. A.
WESTGARD, J.

WALLS, J.
WEBSTER, V. H.
REEVES, J. M.
HABERTHIER, J. J.



ROLL AMO

Prospectors



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Bonanza Club

SENIORS

C. E. BARDSLEY
L. S. HARLOWE
J. G. MILLER
W. J. NOLTE

R. B. WILLS
M. S. BADOLLET
B. H. TURNER
H. F. ALLISON

JUNIORS

J. C. SALMON
LOYD E. LUMPKIN

E. M. GUY
B. E. CHARLES
W. R. DENNISON

SOPHOMORES

IRVIN W. ALCORN
ROBERT E. RICHARDS
A. A. BOYLE
E. WAYNE REMBERT
GLEN J. CHRISTNER
HENRY E. DIERS

RUSSELL C. MCCLURKEN
R. D. SMITH
HARRY LOESCHE
LINDELL E. HAGOOD
GEORGE P. DIERS
S. M. HAYES
A. F. DENNISON

FRESHMEN

D. S. MOSBY
THOMAS M. THOMPSON
MILO N. BEDELL

FELIX Z. MEEKS
ELMER CHAPIN
O. LEE WIX



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Placers

SENIORS

J. N. McGIRL

V. K. FISCHLOWITZ

JUNIORS

E. DREIDEL

SOPHOMORES

GLEN COFFEE
F. R. HALASSEY

J. L. HEID
D. M. OTTERSBACK
L. HARBISON

FRESHMEN

E. H. CATHCART
DAVID J. HENDRY
L. S. BARTER

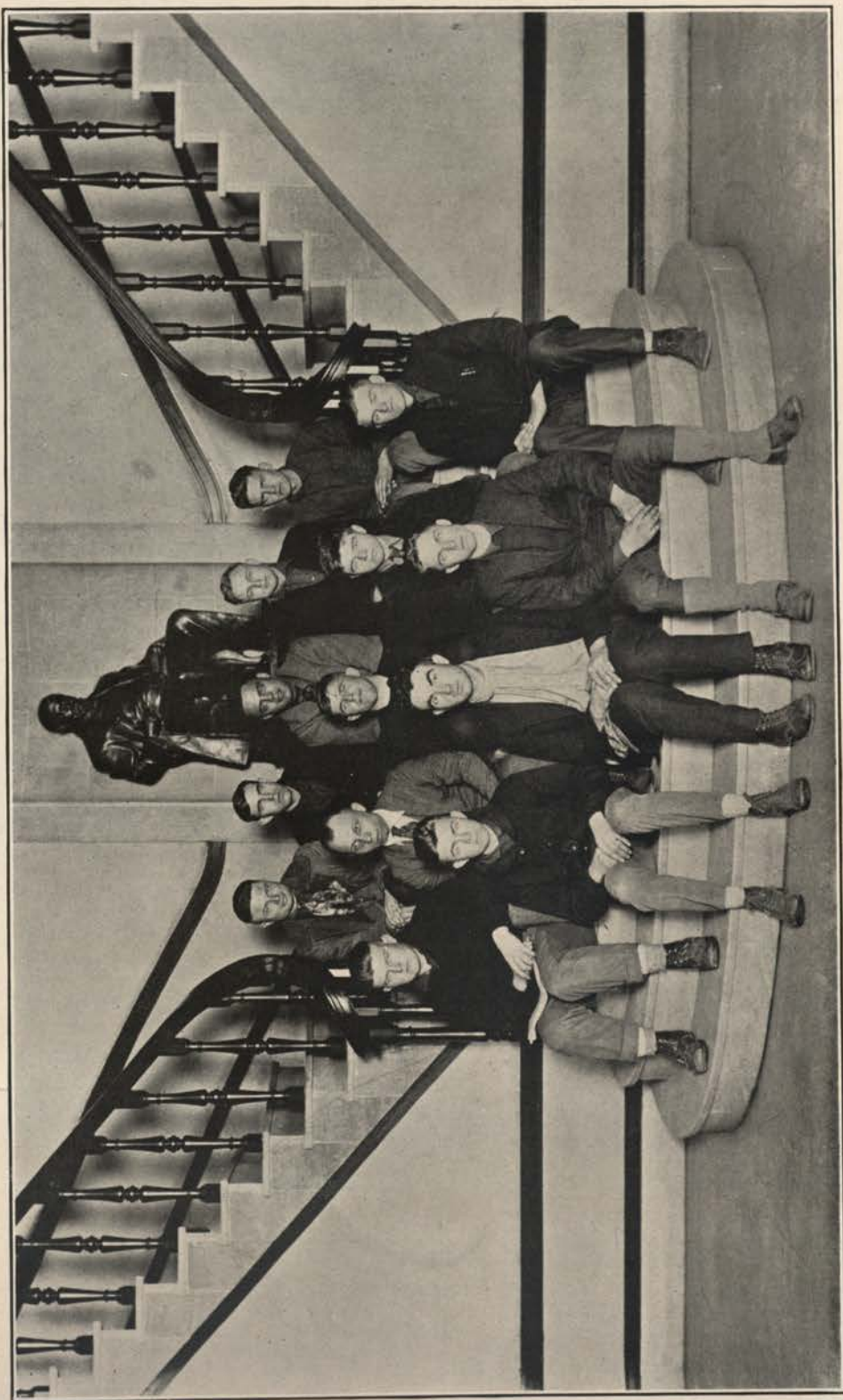
H. N. NUNNALLY
C. E. MILLIKAN
C. F. WILMASHERR
S. I. ZOOK

SPECIAL

JAMES S. RIGHTHOUSE



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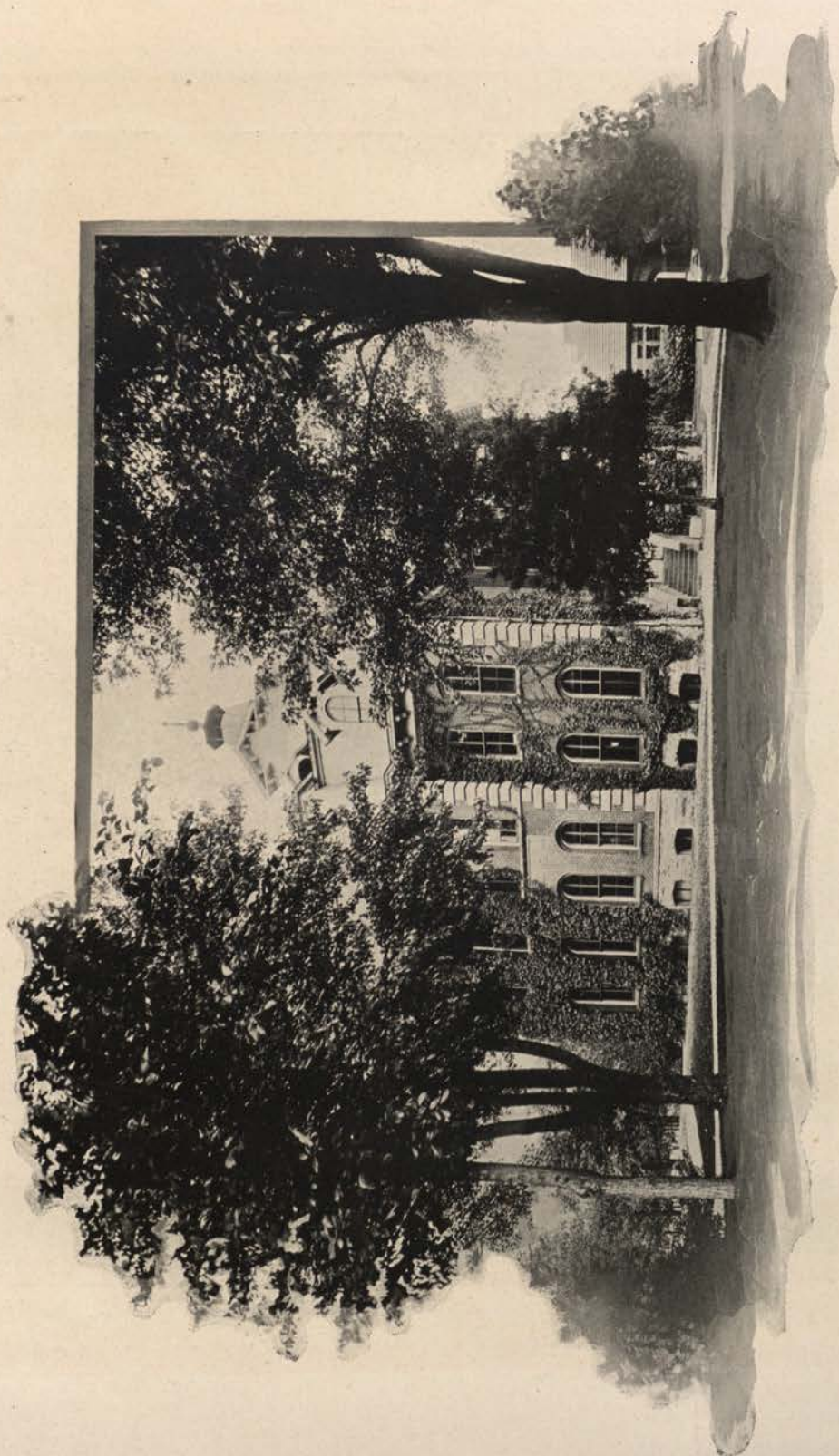
ROLLAMO



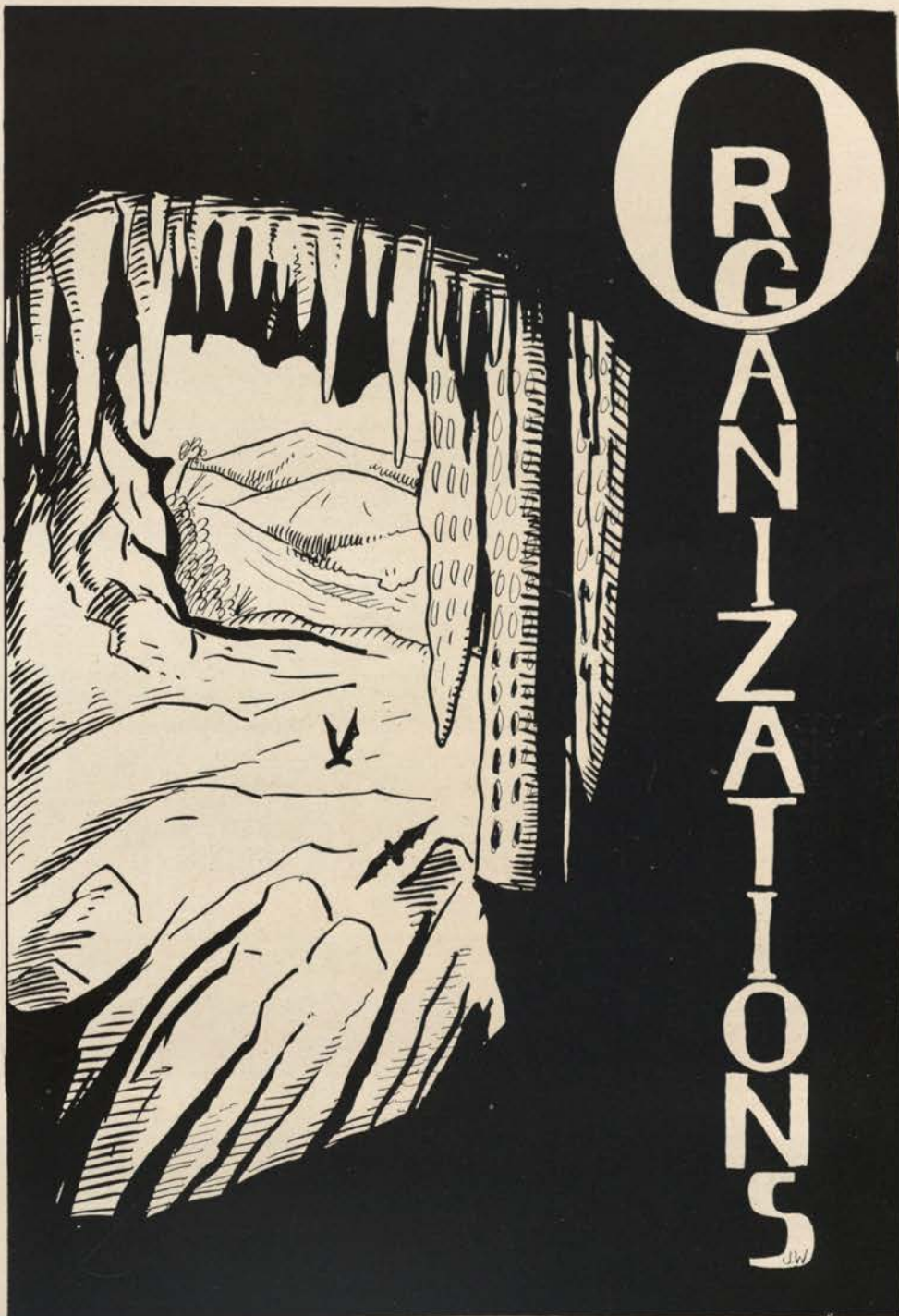
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Tau Beta Pi

Beta of Missouri

(Installed December, 1906)

HONORARY

C. J. ADAMI
*E. R. BUCKLEY
H. A. BUEHLER
D. COPELAND
W. E. COX
R. E. DUFFY
R. M. RICHARDS
L. A. TEST

L. S. GRISWOLD
*J. A. HOLMES
G. E. LADD
D. A. LYONS
A. L. McRAE
P. N. MOORE
R. C. THOMPSON
L. E. YOUNG

*C. M. WOODWARD

FRATRES IN FACULTATE

C. Y. CLAYTON
G. H. COX
A. L. McRAE

G. R. DEAN
L. E. GARRET
C. R. FORBES

FRATRES IN UNIVERSITATE

H. WEISER
K. K. KERSHMER
M. L. TERRY
W. W. WEIGEL
L. H. CUNNINGHAM
C. B. HUMMEL
E. E. ASHLOCK
K. M. WRIGHT
B. E. CHARLES
L. E. DAVIDSON

A. D. POTTS
E. A. SLOVER
G. A. CROENLEIN
R. O. SWAYZE
T. W. UTHOFF
G. F. RACKETT
M. F. McMILLEN
S. N. SHANFELD
W. L. STEWART, JR.
W. F. NETZEBAND

*Deceased.



ROLL AMO



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Theta Tau

Iota Chapter

(Installed December 30, 1915)

HONORARY MEMBER

H. S. BUEHLER

1918

H. WEISER

1920

O. E. STONER
D. C. BEYER
R. N. STUBBS
C. B. HUMMEL
F. W. UTHOFF
H. H. HOPPOCK
R. O. SWAYZE
L. S. HARLOWE
M. L. TERRY

A. D. POTTS
L. H. CUNNINGHAM
K. M. WRIGHT
R. B. WILLS
E. K. SCHUMAN
W. J. NOLTE
K. AID
R. L. MARSTON
M. P. BRAZILL

1921

A. L. WEBB
J. M. WILSON
H. O. NORVILLE
T. A. STEVENS
H. W. HURST
R. J. STROUP

J. R. STUBBINS
H. J. MUTZ
L. E. DAVIDSON
H. L. BAILEY
A. C. WILLIAMS
B. E. CHARLES

1922

J. E. JEWELL

W. R. GETTLER



ROLL AMO



ROLLAMO

Phi Kappa Phi

Honor Society

Motto: "The Love of Learning Rules the World".

Missouri School of Mines Chapter Installed January 29, 1920.

FACULTY MEMBERS

HENRY HORTON ARMSBY
JOSEPH WAYNE BARLEY
GUY HENRY COX
GEORGE REINALD DEAN

CARROLL RALPH FROBES
ELMO GOLIGHTLY HARRIS
AUSTIN LEE McRAE
WILLIAM DeGARMO TURNER

LEON ELMER WOODMAN

STUDENTS ELECTED IN 1920

CLARENCE EDWARD BARDSLEY
GEORGE ALFRED KROENLEIN
ALLEN DEWEY POTTS

EDWIN ALLSOP SLOVER
RONALD OWEN SWAYZE
MARK LOREN TERRY

WILLIAM WALBRIDGE WEIGEL



ROLL AMO

AMERICAN-LEGION

Martin F. Bowles Post No. 76

T.P. Walsh,
Post Commander

David F. Walsh,
Post Adjutant

J.R. Evans,
Post Vice Commander

LE Davidson,
Post Historian

S.M. Hayes,
Post Finance Officer

Prof. C.R. Forbes,
Post War Risk Officer



~ROLL CALL~

Aid, Kenneth	Hays, S.M.	Neuwirth, A.G.
Alton, W.	Heimberger, K.W.	Walsh, J.K.
Beyer, D.C.	Leach, T.W.	Wild, H.J.
Cloud, N.S.	Murphy, E.N.	Shaw, F.W.
Davis, W.P.	Stoner, O.E.	Salmon, J.C.
Evans, O.R.	Scrubby, H.T.	Weldon, E.B.
Forman, P.G.	Thompson, W.E.	Ties, K.R.
Farmer, S.D.	Walsh, T.P.	Gatts, W.P.
Harlowe, L.S.	Williams, A.C.	McKey, H.E.
Johnson, R.L.	Wright, K.M.	Hatmaker, P.C.
Mize, C.R.	Ashlock, E.E.	Metzger, W.
Pietsch, P.	Bowen, J.H.	Howard, C.P.
Steurman, H.A.	Cunningham, L.H.	Illidge, R.E.
Todd, R.R.	Dennie, F.E.	Mutz, H.J.
Terry, M.L.	Engelage, V.F.	Mundt, H.W.
Walsh, David F.	Evans, J.R.	Kasel, R.G.
White, F.P.	Hurst, H.W.	Walls, C.A.
Allison, H.F.	Habertheir, J.J.	Turner, H.L.
Barnard, C.R.	Mann, M.R.	Zeller, G.A.
Burnet, G.	Machin, E.G.	Sherman, B.E.
Chapin, F.F.	Stevens, H.C.	Southern, C.
Davidson, L.E.	Siegle, W.	Yeager, R.L.
Enler, O.	Tedford, D.S.	O'Hara, S.B.
Forbes, C.R.	Axton, E.R.	Parker, R.L.
McComb, W.R.	Hubbard, H.G.	Lapee, R.J.



ROLLAMO



P



B



C



SATYRS



Hagood



Place



Case



Hunt



Christner



Jewell



Leonard



Gettler



Ohnberg

HONORARY SOPHOMORE ORGANIZATION



ROLLAMO

Quo Vadis

A. No. 1 Jungle

Side tracked, March 11, 1912.

"A thousand miles without a red;
A side door pullman for a bed;
In a kind dame's kitchen freely fed;
And a jolly good fellow when all is said".

Motto
Please mum

Colors
Black and Blue

Flower
Dog fennel

BOES IN JUNGLE

"HOP" HOPPOCK
"ART" EULICH
"FREDDIE" UTHOFF
"MICKIE" BRAZILL
"EDDIE" BOHN
"SQUEEK" NEEDHAM
"BILL" BAILEY
"BLOSSOM" BLOOM

"BULLET" BRUCE
"JUICE" PLACE
"R. O." SWAYZE
"RED" WILLS
"CHICK" TAGGART
"PAT" MURPHY
"SENATOR" REID
"BRANDY" BRANDENBURGER

"FISH" SALMON

BUMS EN ROUTE

"DOC" STONER
"BABE" DORRIS

"EB" EBMAYER
"GUS" PETSCH

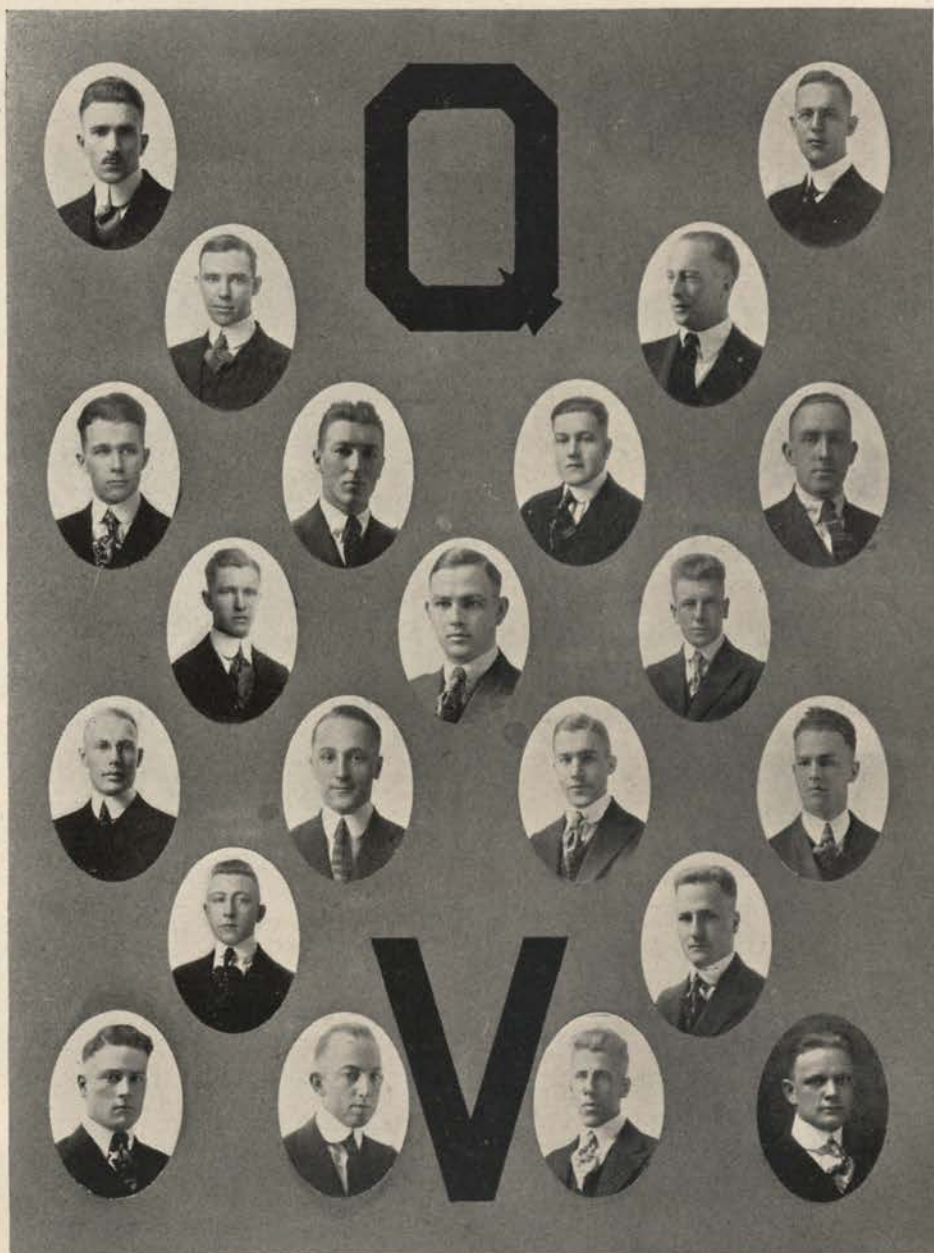
"KID" WILSON

BOE IN FACULTY

"BOOTS" CLAYTON
COMIN' BUM
"KID" SIGNER



ROLLAMO



ROLLAMO

Trowel Club

(Masonic)

HONORARY

WALTER ASHER
H. A. BEUHLER
B. F. CULBERTSON
HON. F. H. FARRIS
M. F. FAULKNER
R. E. HELLER

W. J. KILGORE
E. J. KOCH
J. W. SCOTT
J. M. SOUTHGATE
F. W. WEBB
C. L. WOODS

B. W. HUMPHREY

ACTIVE

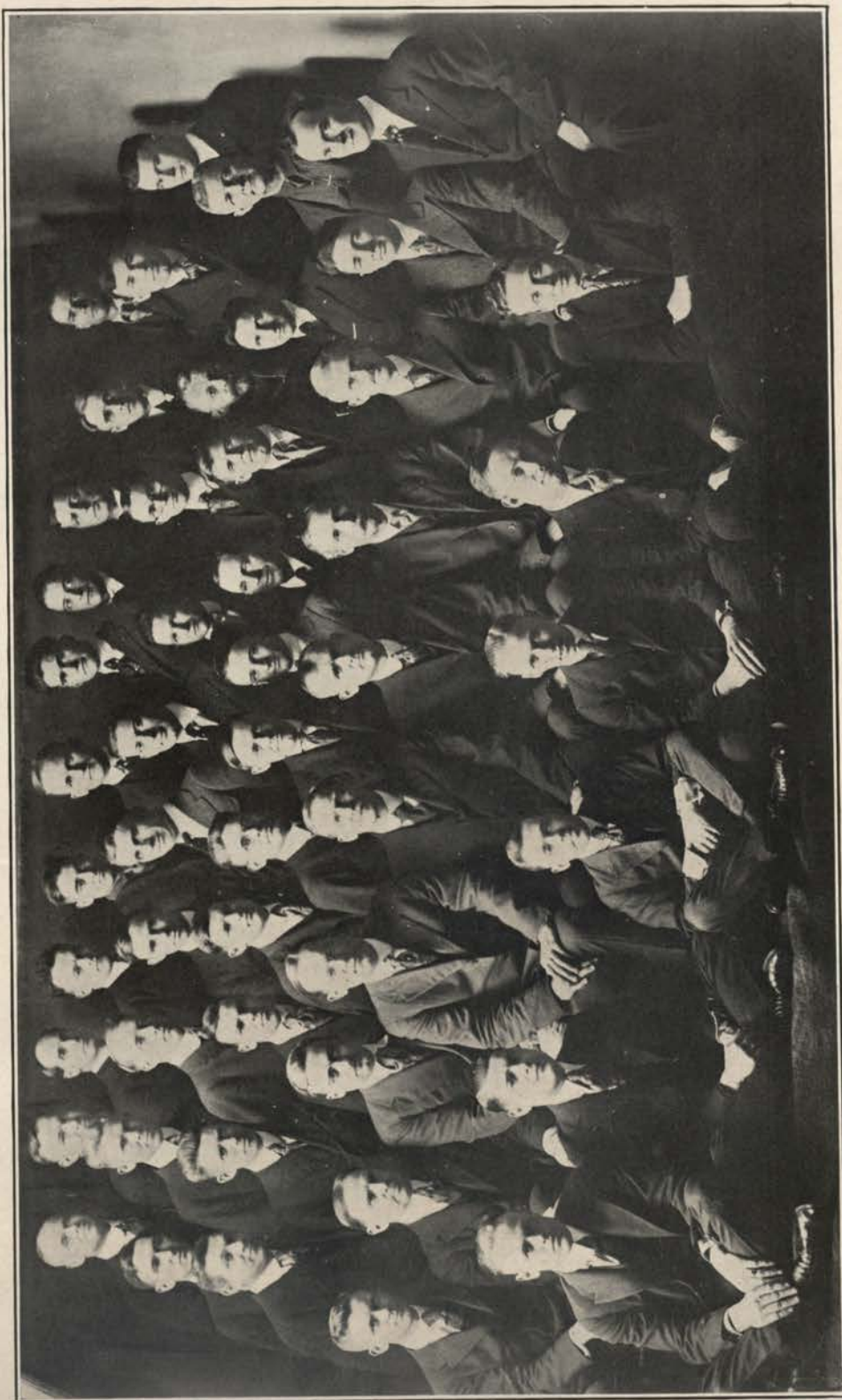
M. S. BADOLLET
C. E. BARDSLEY
W. H. BAXTER
K. W. BOOKER
J. H. BOWEN
ROBERT BRUCE
E. J. CHAPIN
C. J. COLLET
KURT DE COUSSER
C. L. DAKE
E. E. DECKERS
H. S. DICKERSON
R. R. DICKERSON
H. L. DUNLAP
G. E. EBMEYER
A. V. EULICK
O. R. EVANS
C. R. FORBES
L. E. GARRETT
O. GOLDSMITH
E. M. GUY
L. H. HARLOW
E. G. HARRIS
D. E. HENDRY
V. B. HINSCH

D. E. HUFFMAN
HARRY HURST
V. I. KEETER
S. W. KILGORE
W. A. KITCHEN
F. H. LANE
A. L. LAUN
B. M. LAYTON
T. W. LEACH
E. G. MACHIN
E. S. McCANDLISS
A. L. McRAE
E. L. MILLER, JR.
C. C. MOSENA
G. A. MUILENBURY
H. W. MUNDT
W. L. NIECE
H. O. NORVILLE
JOSEPH NOVAK, JR.
A. D. POTTS
W. R. QUILLIAM
M. L. TERRY
M. H. THORNBERRY
F. P. WHITE
L. E. WOODMAN

W. G. HIPPARD



ROLLAMO



The Mercier Club

REV. JOHN P. LYNCH, Chaplain.

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D. F. WALSH	Vice-President
R. C. SHAPPLER	Secretary
S. M. BURKE	Treasurer

COLLEGIAN MEMBERS

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M. P. BRAZILL
J. L. BULGER
LUCIAN CANTWELL
E. DE CARDENAS
A. S. CHAPPUIS
F. A. CONALES
ANDREW DEVEREUX
W. P. DAVIS
OTTO EHLER
F. R. HALASEY
J. J. HABERTHIER
F. H. HOLLOW
H. H. HUGHES
M. V. HEALEY

R. E. ILLIDGE
W. V. JOHNSON
F. A. KAULLEN
R. J. LAPEE
O. P. MUDD
H. J. MUTZ
D. S. MOSBY
M. MCCARTHY
J. N. MCGIRL
GEORGE NAWN
D. M. OTTERSBAUGH
R. L. PARKER
K. C. WILSON
H. E. ZOLLER
R. ZEVALLOS

ASSOCIATE MEMBERS

E. J. CAMPBELL
L. W. HIGLEY

D. F. DONOHUE
J. E. BULLARD

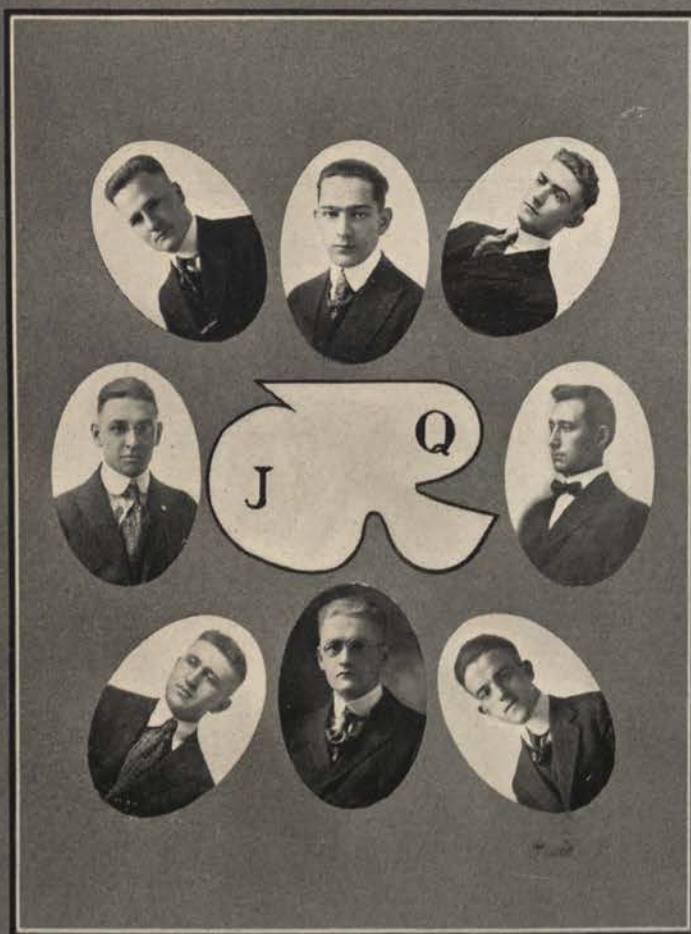
C. E. PARKER



ROLL AMO



ROLLAMO



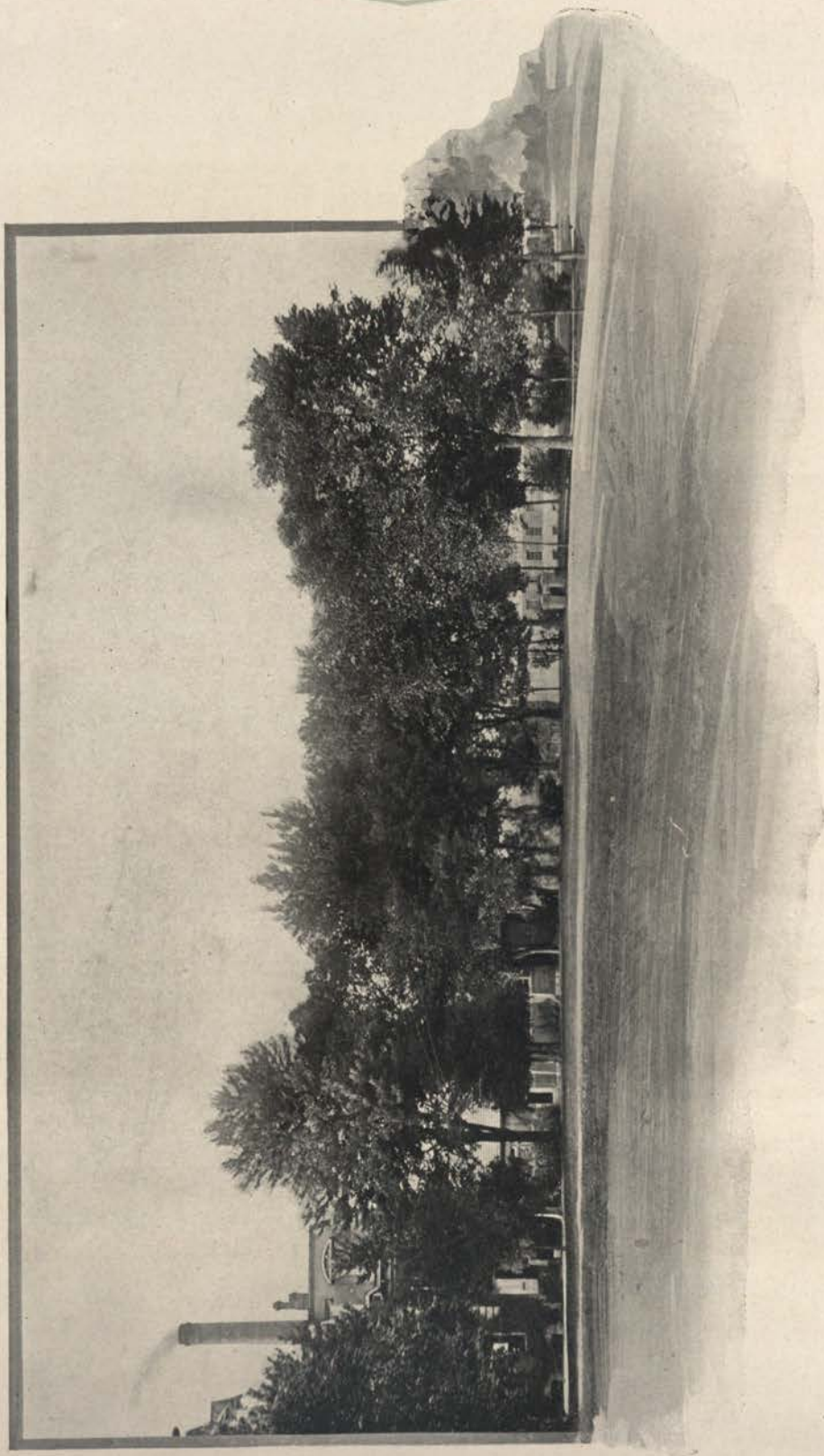
FRUTKOFF
GARRAULT
H. MOYAN

STANBURY
NEILLIDGE

WHITZLER
WILLIAMS
H. CRUZ



ROLLAMO



\$M\$

The Missouri Miner

When the staff first organized in the early part of last September, it was found that besides those of the board of the preceding year there were five men of previous boards back in school; G. E. Ebmeyer, T. P. F. Walsh, O. Goldsmith, M. L. Terry, and Wayman Crow. Of these men, the first three became actively connected with the board.

At the opening of the year, the leadership was in the hands of R. N. Stubbs, but due to pressing school work he was unable to keep the position after the first of January. Ebmeyer, one of our former editors, was elected for the second semester, but, graduating in February, he turned the reins over to G. F. Rackett, whose good work during the previous two years had earned him the position of "Chief". Joe Wilson, our cartoonist, furnished the illustrations for our big issues and from time to time was able to get a cartoon in one of the regular issues. Booker, with Goldsmith and Netzeband, ran the business end of the staff with the exactness of an efficiency engineer and is responsible for our good financial standing. Homer Kerr convinced the local and foreign concerns of the good business opportunities found by advertising in our columns. Luckfield, with the help of Huffman and Burke, saw that the Miners were in the postoffice every week on time. The assistant editors and the class reporters were ever on the alert for news and little escaped them.

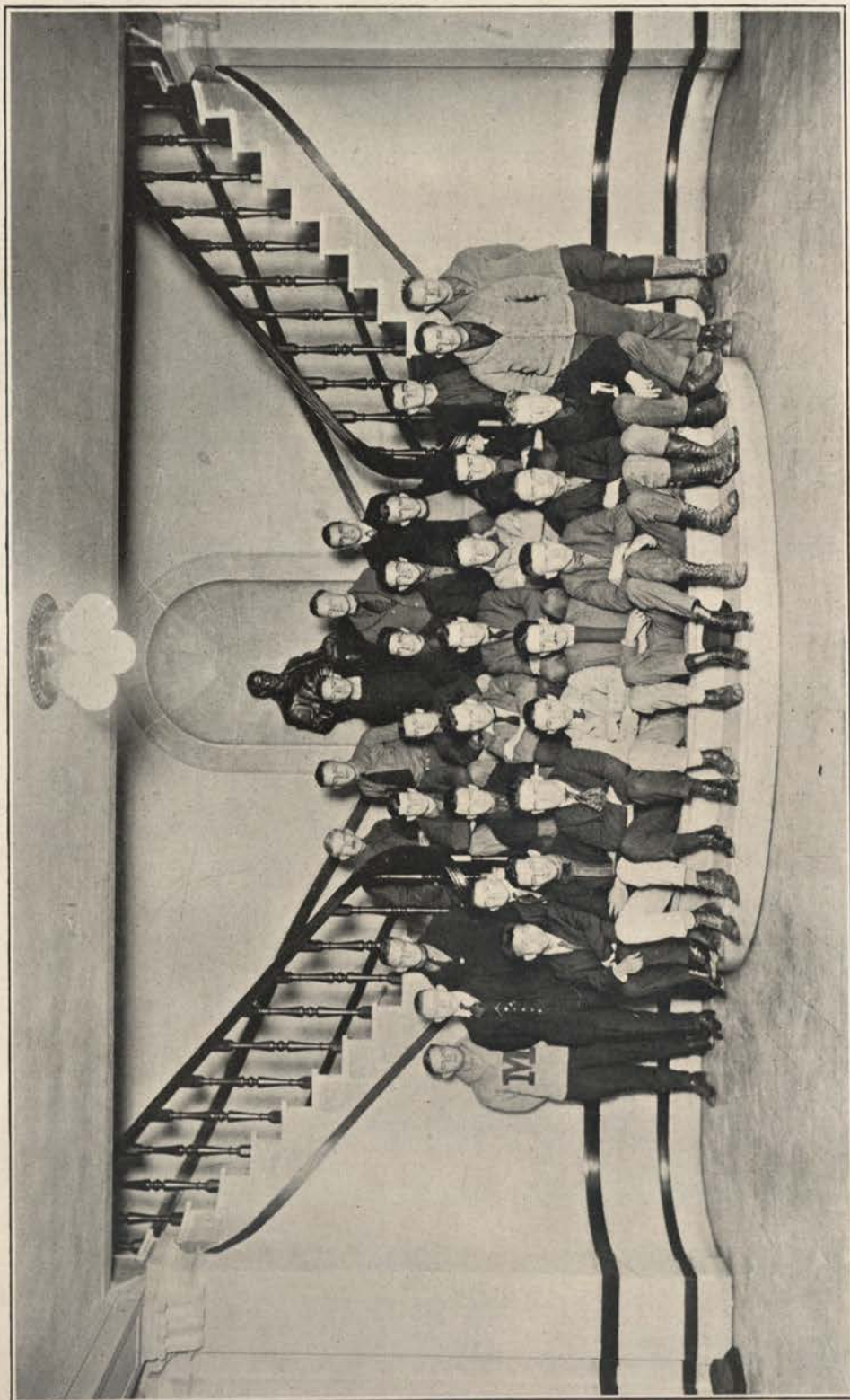
Even though the Miner has been under several leaders the record for the past year has been a satisfactory one. Our Christmas edition of sixteen pages was all and more than we had hoped for. Our St. Pat's issue, "The" issue of the year, maintained the standard of previous years and we feel certain that it compared favorably with any like publication from any technical school.

For the first time in the history of the paper, the board undertook to give dances in Jackling Gymnasium periodically. The dances proved to be a success, both from the standpoint of our patrons and from that of the Missouri Miner. The Hallowe'en Dance was one of the best ever held in the school. We feel sure that when future boards announce a Miner dance they will not have to speculate on its success—that will be assured.

The staff this year attempted to give to the student body, the faculty, and the alumni an unprejudiced reflection of school life and school opinions. We have tried to reflect in every respect the feelings of the college regarding those happenings which came to our notice. Though at times the paper has been censored severely by some in the student body, we feel that for the most part the side taken by the Miner was the side upheld by the majority in school.



ROLLAMO



The Metallurgical and Chemical Society

This year the Metallurgical and Chemical Society has come into its own. After the abnormal conditions of the past two years the society has grown steadily and now possesses a membership of more than forty members. Bi-monthly meetings were held during the 1919-20 school year and the following addresses were given.

- G. C. Schappler — "The Mining of Complex Ores in the Butte, Montana District"
 Wm. Kahlbaum — "The Analysis of Plain Carbon Steels and Chrome Steels"
 E. A. Slover "Discussion of the Cobalt District, Canada"
 R. E. Valasco "The Operation of the Smelter at San Luis, Potosi, Mexico"
 Prof. Thornberry "Analysis of Diaspore Clays"
 Prof. Dunlap "Recovery of Sulfur from Hydrogen Sulfide"
 Dr. Mervin Kelly "Some phases of High Vacuum Work in Telegraphy"
 K. K. Kershner "Separation of the Isomers of Xylene"
 A. D. Potts — "The Production of Beehive Coke in the Connelsville, Penn., region"
 E. Dreidel "The Manufacture of Salicyclic Acid"
 Prof. Dunlap — "Some Experiences in the Chem. Dep't. of the Goodyear Tire and Rubber Company".

Besides the excellent material in the addresses a good social time was enjoyed as well.

OFFICERS

K. K. KERSHNER	President
S. N. SHANFIELD	Vice-President
EM DREIDEL	Secretary-Treasurer



ROLLAMO



The Civil Engineer Society

The Civil Engineers at M. S. M. realized that they were not as well known as they should be; so to change this condition they decided to form an active society to advance things of interest to them at school. Accordingly, the senior and junior civil engineering students conferred with the faculty of their department and arrangements were made to hold the first meeting October 1, 1919 at the Baltimore Hotel in the form of a banquet. At this meeting officers were elected and arrangements made for the years program.

During the year regular meetings were held once a month, and many interesting talks were given by members and guests, a list of which is as follows:

Prof. E. G. Harris	The Civil Engineering Students Future.
Prof. E. S. McCandliss	Engineering Arrangements for the Battle of St. Mihiel.
Prof. H. H. Armsby	Railroad Economics.
Mr. C. P. Calvert	The American Association of Engineers.
Mr. Frank R. Loveridge	The Manufacturer of Cement.
Mr. C. F. Bardsley	Orientation of the Plane Table.
Mr. K. W. Heimberger	The Italian Method of Resection.

One meeting that will never be forgotten was the one at the home of Karl Heimberger, where his mother and sister served such a splendid turkey supper.

OFFICERS

GEO. BURNET.	President
A. C. WILLIAMS	Vice-President
E. E. ASHLOCK.	Secretary
J. P. COLBERT	Treasurer
K. M. HEIMBERGER	Sargeant-at-arms
E. S. MCCANDLISS	Faculty Representative



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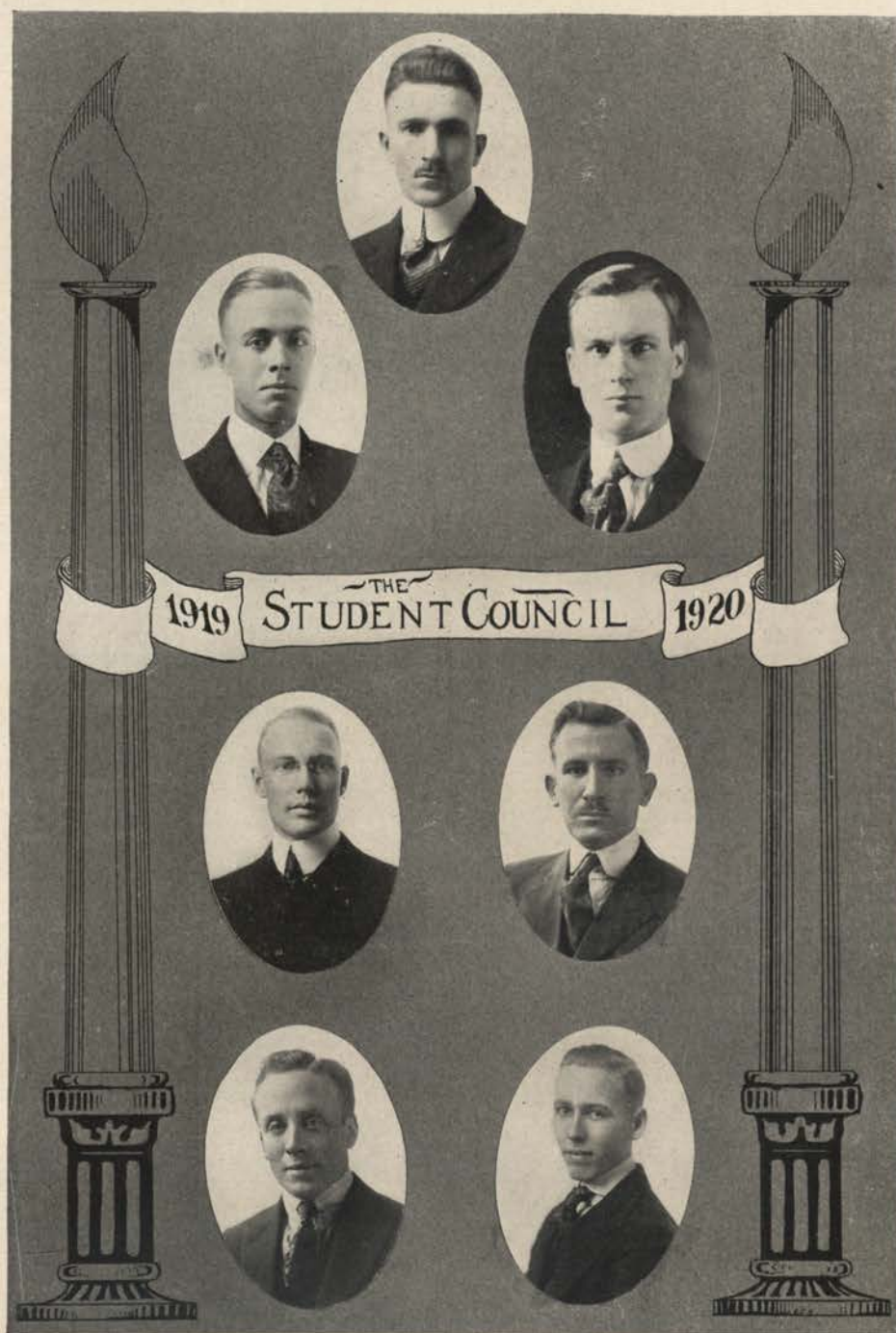
The Student Council

The student council is an organization composed of three seniors and two Juniors elected by the Student body for a period of one year. The purpose of the Council is to bring the faculty and the student body into closer touch with each other in order that each might benefit from the view-point and understanding of the other. Very often, misunderstanding is the root of any difficulty that might arise between any two separately acting bodies rather than that of transgression. This is particularly true of the relation that exists frequently between the faculty and the student body. It is with the idea of eliminating this factor of misunderstanding that the Student Council confer with faculty committees from time to time and investigate any unjust acts either on the part of the student or the faculty. The Student Council also has the right and it is part of their duty to bring before the faculty for correction any unjust decision rendered by the faculty, or by a member of the faculty acting individually, against the student body or against any member of the Student body. Aside from these relations the Student Council acts for the furtherance of any activity that may be of value to the student body.

The members of the Council for the year 1919-1920 were, Marston, Stoner Stubbs, Ashlock, and Brazill from the Senior class and Norville and Booker from the Junior class. Ashlock and Brazill were elected at the beginning of the winter term to take the places of Marston and Stoner who graduated in December. Several important problems have been brought before the Council this year and these men have been very proficient in performing the work that has been set before them. The power of such an organization increases with the precedents that are established from year to year and the manner in which they have been handled the task they have had before them is evidenced by the support they have received from the entire student body.



ROLL AMO



St. Pat's. Convention

On December 5 and 6 three delegates from the Missouri School of Mines attended a convention held at Columbia, Mo. The object of this convention was to make St. Patricks celebration a national custom in engineering schools and also to unite the schools into a consolidated national organization which would be a national society for undergraduate and in all probability for graduate engineers.

These three delegates were E. K. Schuman, Meryl McCarthy, and J. P. Colbert and with them were delegates from eleven engineering schools in the Mississippi Valley. The schools represented were: Missouri U., M. S. M., Washington U., Nebraska U., Iowa State, St. Louis U., Iowa U., Tennessee U., Oklahoma A and M., Arkansas U., and Mississippi U.

The convention opened on Thursday morning by an address from E. J. McCaustand, Dean of the Engineering school at Missouri U. Next to the history of the St. Pats. at the different schools together with the form of celebration was given by each school in chronological order. Mr. Schuman recounted the history and form of celebration at M. S. M. and this so far surpassed that of other schools that there was no comparison.

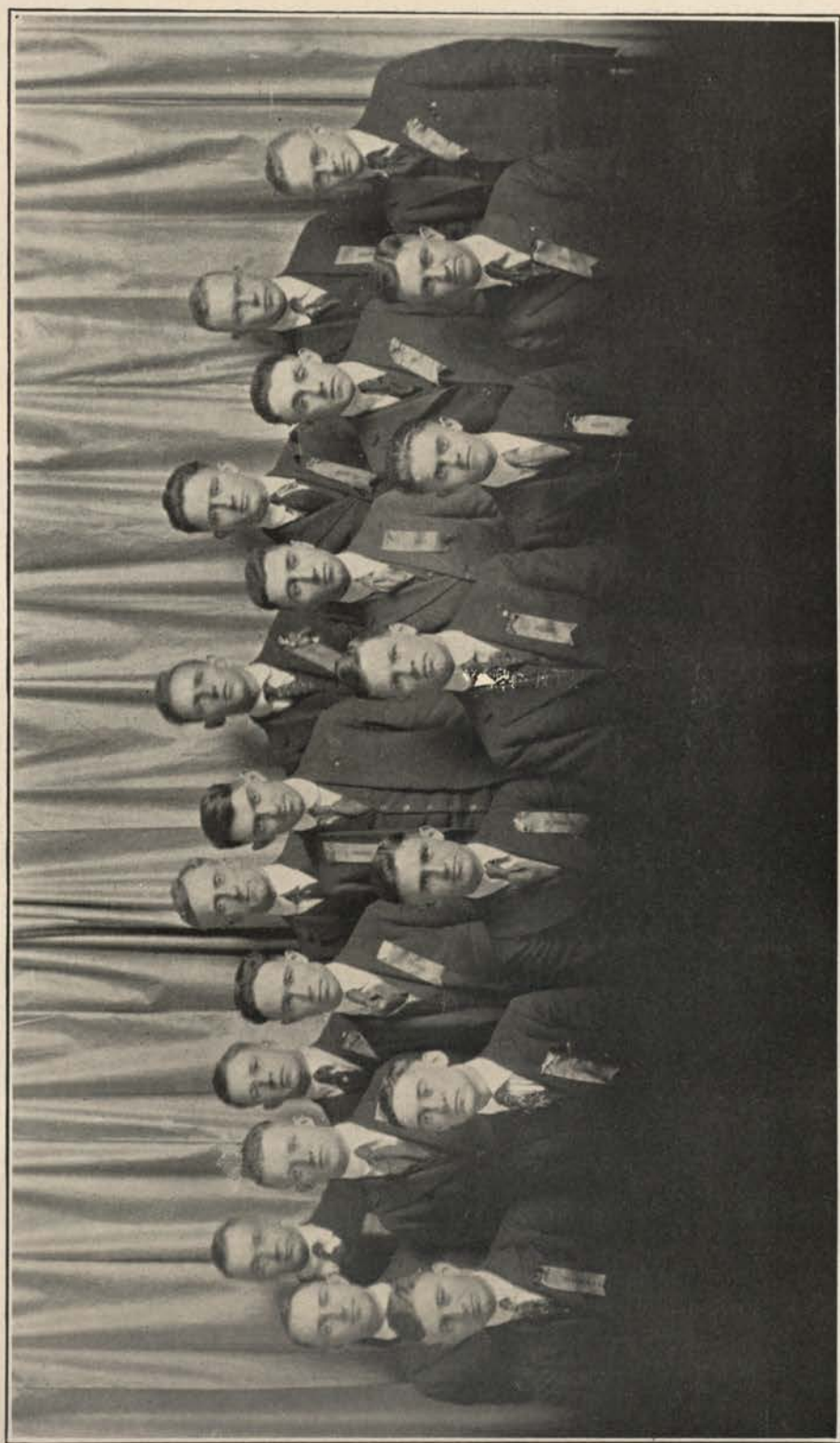
The constitutional committee on which Mr. Schuman and Mr. McCarthy served then drew up a national constitution which after a few changes was accepted by the convention. The name of the national organization as set forth in the constitution is the "Guard of St. Patrick". All under graduate students in an engineering school are termed "Guards" of St. Patrick and each year during the celebration all seniors in engineering are dubbed "Knights of St. Patricks". Any woman who is a senior in engineering shall be dubbed a "Lady of St. Patrick" and any Professor prominent in engineering may be dubbed "Honorary Knight of St. Patrick".

The pin committee on which Mr. Colbert served submitted three designs for a national pin to be worn by all duly dubbed "Knights", "Honorary Knights", and "Ladies". The pin which was accepted is a small green shamrock with a slide rule across the leaves, on this rule is the word "ENGINEERS" in gold block letters and all those who were duly knighted this year were given a pin. The pin committee also recommended that the Queens pin used at M. S. M. be adopted, and this was done immediately.

The headquarters of this organization shall be at Columbus, Mo. The national secretary shall be chosen from Missouri U., the President from any school, and the Vice-President from the school where the next convention is to be held. At this convention the Vice-President was chosen from Ames.

While in Columbia these delegates were royally entertained, the entertainment consisting of a number of receptions, auto rides over the city, and the "St. Pats Nationalization Ball" in a beautifully decorated Hall where a large "Miner" banner showed prominently among the other decorations.

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The Star and Garter

Organized, March 1920.

Musical and Dramatic

Membership Competitive

CHARTER MEMBERS

VIRGIL L. WHITWORTH	President
DONALD F. UPDIKE	Vice-President
RUSSEL W. HUNT	Secretary
THOMAS G. WIER	Treasurer

EARL M. GUY
MARION W. WATKINS
HENRY E. DIERS
WILLIAM L. STEWART
SAM L. NEVEDOMSKY
FRANCIS K. M. HUNTER
HORACE D. SCRUBY
JOHN R. STUBBINS
MATTHEW P. BRAZIL

PLEDGES

KURT H. DE COUSSER
JOHN P. GORDON
RALPH H. KNIGHT
WILLIAM BOLT

JAMES E. JEWELL
LEON B. SCHUMACHER
FRED T. MATLACK
LEO LINZER



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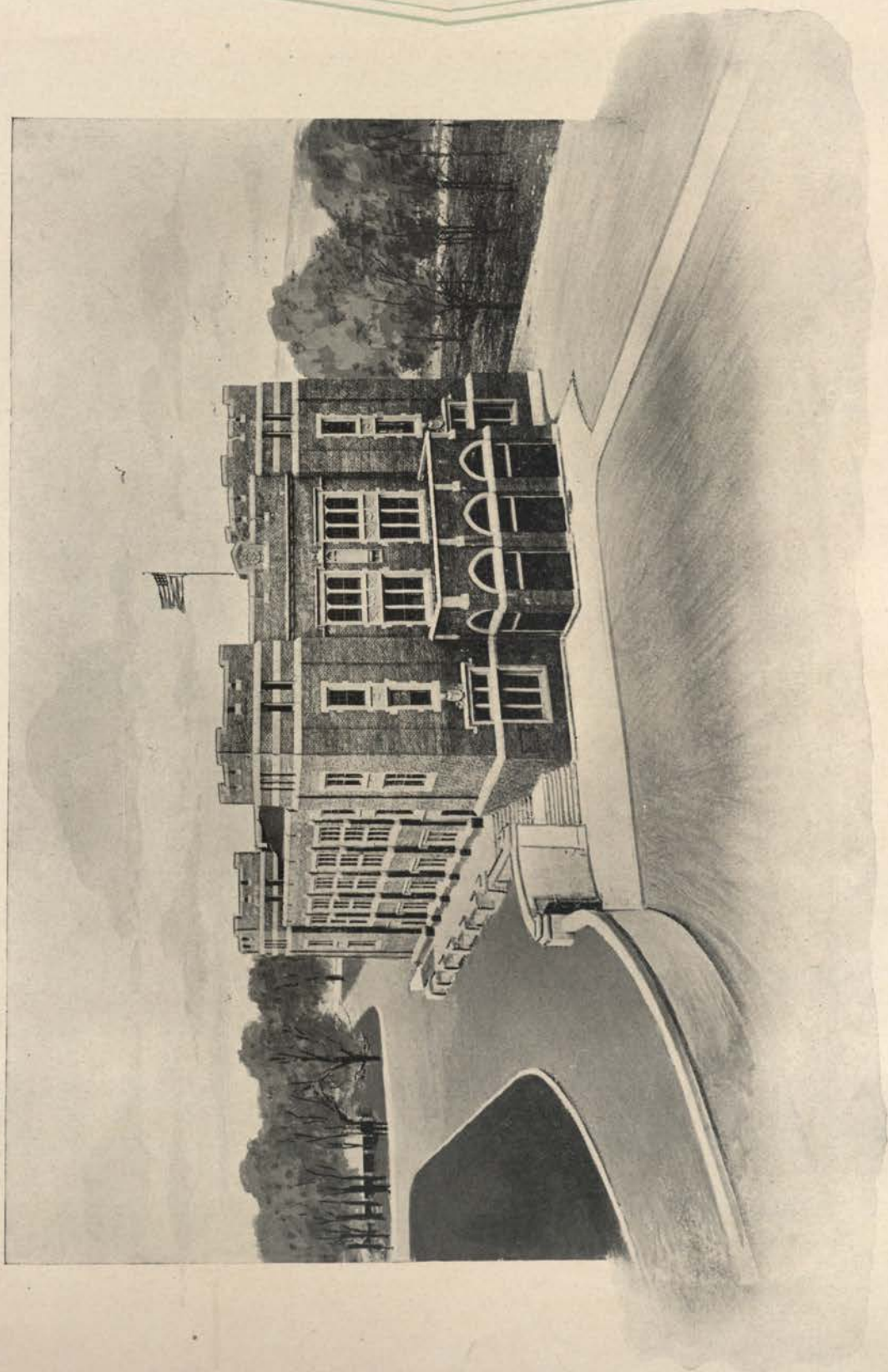


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MS

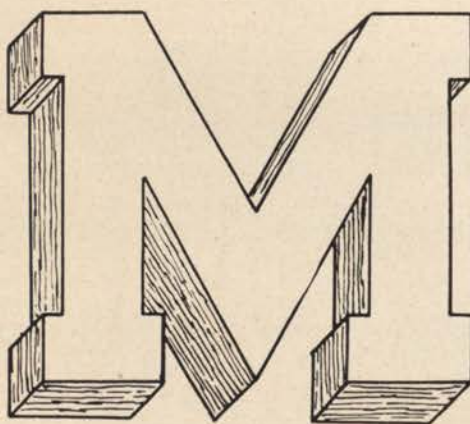
ROLLAMO



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ROLLAMO

Letter Men



BASKET-BALL

E. J. BOHN
M. I. SIGNER
J. L. BULGER
K. M. WRIGHT
J. H. ROLHOFF
J. V. HARRIS

TRACK

A. B. NEEDHAM
E. J. BOHN
S. KJELLBERG
M. P. BRAZILL, JR.
W. M. TAGGART
H. L. LEONARD
HARRY AID
F. P. WHITE

FOOTBALL

H. H. HOPPOCK
R. J. BRUCE
A. L. CAIRNS
H. C. BUSER

R. N. PLACE
T. A. STEVENS
J. M. WILSON
M. R. MANN

M. P. BRAZILL, JR.
G. R. KROENLEIN
W. W. BOLT
F. P. WHITE

CAPTAIN

H. H. HOPPOCK

CAPTAIN-ELECT

R. N. PLACE

FOOTBALL

BASKETBALL

E. J. BOHN

M. I. SIGNER

TRACK

M. P. BRAZILL, JR.

E. J. BOHN

COACH

F. E. DENNIE

ASSISTANT-COACH

H. J. HOUSTON



ROLLAMO



Coach Dennie

ATHLETIC



President Uthoff

BOARD



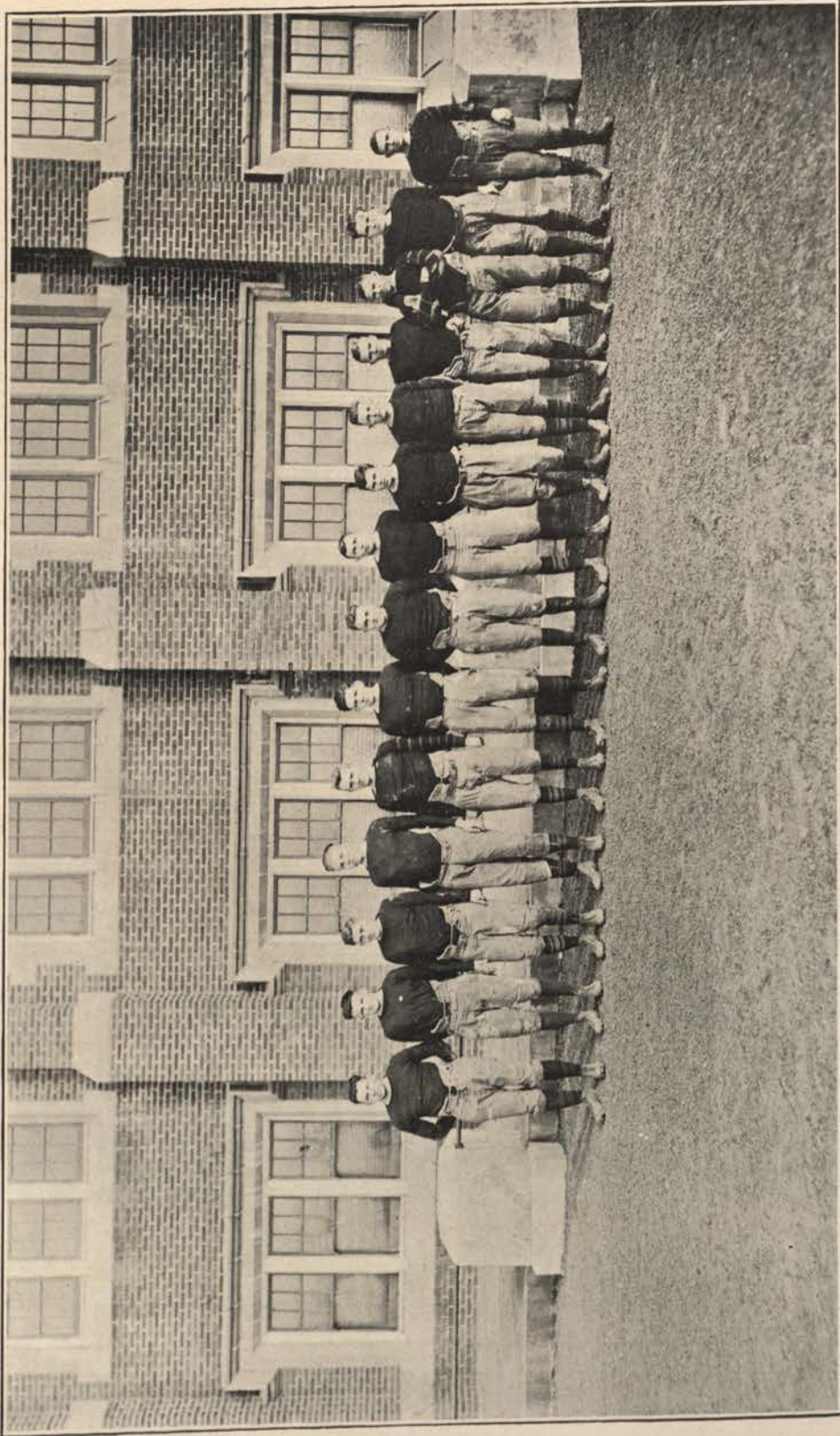
Vice-President
Howendobler



Business Manager
Delaloye

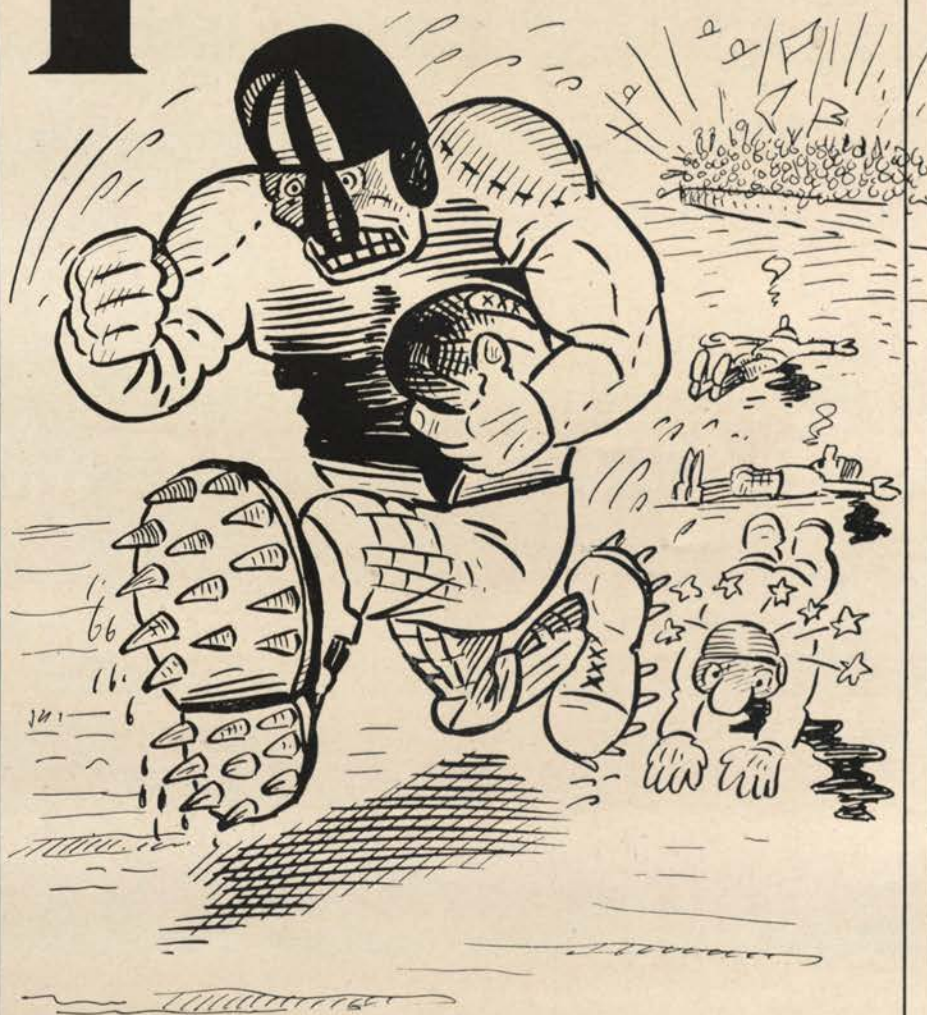


ROLLAMO



ROLLAMO

FOOTBALL



JOE WILSON



ROLLAMO

Football Schedule---1919

Oct. 4	Miners	19	Kirksville	6	at Rolla
Oct. 10	Miners	54	Westminster	0	at Fulton
Oct. 18	Miners	0	Arkansas U.	20	at Fayetteville
Oct. 25	Miners	0	St. Louis U.	21	at St. Louis
Nov. 1	Miners	0	Washington	29	at St. Louis
Nov. 7	Miners	0	Warrensburg	6	at Warrensburg
Nov. 14	Miners	32	S.W. Teachers Col.	0	at Rolla
Nov. 28	Miners	7	Drury	12	at Springfield

Total—Miners 112; Opponents 96.

Football Schedule---1920

Oct. 2—Miners vs. Washington U. at St. Louis
 Oct. 9—Miners vs. Westminster at Rolla
 Oct. 16—Miners vs. S. W. Teachers College at Springfield
 Oct. 23—Miners vs St. Louis U. at St. Louis
 Oct. 30—Miners vs Arkansas U. at Fayetteville
 Nov. 6—Miners vs Warrensburg at Rolla
 Nov. 13—Miners vs Drury at Rolla
 Nov. 25—Miners vs Henry Kendall at Tulsa



Football Review

A comparison of the total score compiled against us during the season is a fair means of determining whether or not the season was a success.

The season opened with plenty of old and new material, and prospects for a winning team never looked better. But for some reason fate decreed that about one man a day should be injured. This, however, did not prevent us from winning the first two games. Then an atmosphere which was produced by the student body crept over the gridiron and instilled a spirit into the squad which had never before been known at M. S. M. This spirit is said to have come as a result from several "rotten" games that had been played.

The hardest fought game of the season was the Washington game. The team played such a superior brand of foot-ball that it was absolutely necessary for Washington to use their "one man team"—Conzleman that day or the score would have been somewhat different.

The Thanksgiving Day game with Drury was another good game and altho we lost by one touchdown, it could clearly be seen that it really was the Miner's game, and just a little of our old "hard luck" made us miss this one.

The season was a successful one from every standpoint, notwithstanding the lowness of the percentage column. With most of the team back next year we should take the Conference title without much trouble.



ROLLAMO

CAPTAIN HOPPOCK, '20 Fullback

Hop's brilliant leadership pulled the Miners thru many close places on the Gridirion this year. He won his second letter and his sure tackling will be greatly missed. Hop played a great game all the season.



CAPT.-ELECT PLACE, '21 Tackle

Juice won his first letter in 1917. He was back again this year stronger than ever, and never lost a minute in any game. Thru his efforts and ability he won a place on one of the All Missouri Conference teams. As a leader for the 1920 team he can not be equaled.



ROLLAMO



BRAZILL, '20 Halfback

Micky received his fourth letter this year. He was the greatest ground gainer M. S. M. has seen for many years, and when he was out of the game on account of injuries the team suffered its greatest losses. Micky is fast and hard to stop, and made a place for himself on the first Missouri Conference team.



BRUCE, '20 Center

Bullet was captain of the 1917 team, and made his fourth letter this year. His passing the ball can not be equalled, and that is'nt all, he talked all the time and could tell we were going to take the ball, and he shifted the line to meet the play. Nothing ever came thru Bruce.



ROLLAMO

CAIRNS, '20 Quarter

This was Buddy's third year among the letter men, and his ability in steering a team down the field was a conspicuous feature of every game.



STEVENS, '21 End

Steve won his second letter this year. As an end he was hard to beat, and was the most player on the team. His tackling and breaking of interference won him a place on one of the All Missouri Conference teams. He also played all of every game this year, and we hope to see him back next year with the same old fight.



ROLLAMO



KROENLEIN, '20 Guard

George could always be relied upon to do more than his part of breaking a hole thru his side of the line. He won his second letter this year, and will be greatly missed next season.



WILSON, '21 End

Mort has played two years, making a letter each year and has one more year to go. He was the lightest man on the team, but this did not stop him from smashing interference.



ROLLAMO



BUSER, '23 Guard

This was Booser's first year with us, and only a freshmen, yet he was able to show up many of the letter men who were back in uniform this year. With this year's experience and three seasons to go he is the making of good material for a real steam roller.



BOLT, '22 Tackle

From Illinois and never heard of until this year but we saw what he was made of and hope he will continue the good work next fall; which will mean another letter to his credit.



ROLLAMO



MANN, '21 Fullback

Monk plunging thru the line won him a letter this year. He was a good man and we regretted to lose him at the end of the semester.



WHITE, '21 Halfback

Fred's speed in circling the ends was what made him conspicuous on the field this year, as well as the first season he played with the Miners.



ROLLAMO



Behn



Petch



Windell



ROLLAMO



Porter Field



Zoller



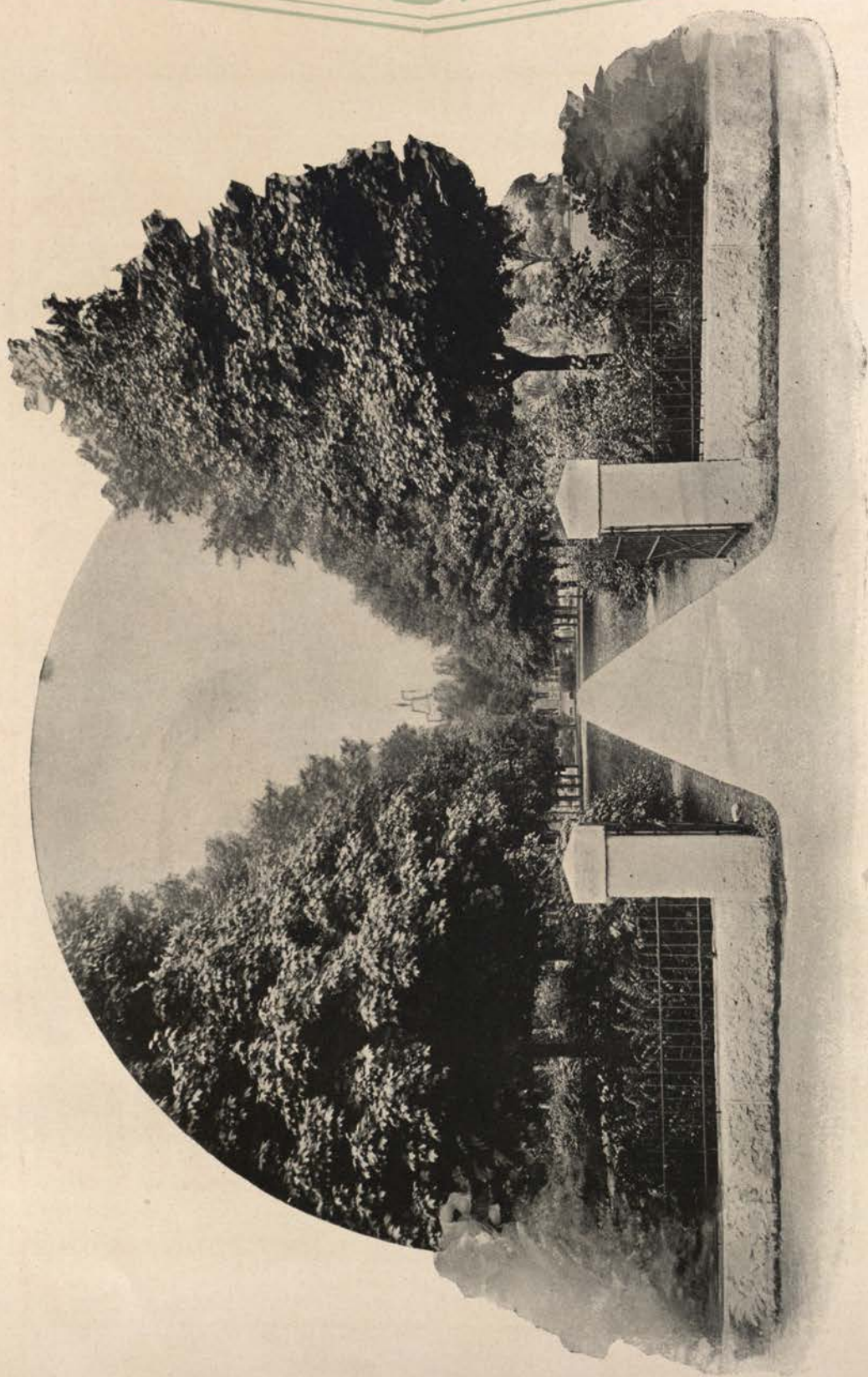
Christner



Parkhurst



ROLLAMO



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ROLLAMO



Basket Ball Review---1920

The season which opened with the Warrensburg game and promised to end so disastrously for the Miners, did not wind up as badly as we feared it would. We won three conference games and right at the tail end of the season when we were "down on our luck", so to speak, we beat each of our old rivals, Drury and Springfield Normal, out of a hard fought game. Whether our failure to make a better showing was due to the old Miner Jinx or was somebody's fault we are not prepared to say; but we do know that every man on the squad worked hard and did his best to make his team a winner, and in giving credit where credit is due we would say that whatever success was ours can be credited to the men who were faithful workers on the floor and off and who repeatedly went down to defeat and came up smiling—just as good sports as ever and with enough and to spare of the old Miner fight left in them.

THE LETTER MEN

Captain Bohn, Forward: Eddie, with "Kenny" and "Sig", his last years running mates, was the backbone of the team. Forward was a new position to Eddie but he filled it well enough and at the end of the season when he got back in his old notch at the other end of the floor, we saw some guarding that is seldom equalled at M. S. M. Like all good athletes, he works harder when he is behind and no matter how lop-sided the score, you could always find Eddie behind his team and backing them till the last whistle blew. Besides being a good basketball captain Eddie is an "M" man in both foot-ball and track—one of the two, three-letter men in school. He has been on every team that was ever called out since he came here and right here we register an earnest plea for more athletes of the Eddie Bohn type.

Wright, Forward: Kenny made his third letter this year and just as in the two previous years he played a bang-up game straight through. Sometimes it looks like he is a hard luck man when it comes to finding the basket, but he eventually gets his share of the points and can be depended upon to do it in every game. Kenny is a Senior and we are sorry to lose a man who has had such a wide range of activities, for, unlike a great many athletes, he is a student. In the words of his team-mates, he is a clean, hard-working athlete and an Honest-to-Gosh sportsman.

Captain-Elect Signer, Center: Sig also played a new position this year and while he is not as tall as some centers he played against, he held his own in the jumping and was our big point-getter. In a great many of the games he was by far the fastest man on the floor. This is his second year on the Miner team and if he continues to improve there will be no stopping him next year. He has an uncanny eye for the hoop, can shoot and pass from any position and with his speed and fight puts confidence and pep into the whole team. He will make an able leader for the 1921 team.



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Gholoff, Guard: This scrappy defender of the Miner goal came to us last Fall with a basket-ball reputation and has lived up to it in great style. He was out of several games on account of injuries but when he was on the floor he meant business and he tore into the play like a veteran. What he lacks in gentleness he more than makes up in sportsmanship and is a valuable asset to any team. He promises much for next season.

Bulger, Guard: Johnny is another scrappy man who got his first chance on the Varsity this year. In some of the games he was handicapped by being put in in the last few minutes of play, but he showed his ability in every case and it is most certain that he has the spirit and the fighting qualities that go to make up a Miner guard. He should be a strong man next year and can be depended upon to fill the gap that will be left in our defense by the going of Captain Bohn.

Harris, Forward: Jimmy, our Freshman basket-tosser, is a fighter from start to finish. He has an eye for the basket that rivals Signer's when he is on the open court, and a little knack of scoring from a tangle when he is hemmed in by larger opponents. He is as good at defense as a regular guard and with another year's work will undoubtedly develop into one of the fastest forwards who ever wore a Miner uniform.

These six men by no means deserve all the credit that must be given to our fighting, if not winning team. Several others worked hard and faithfully all season, notably Kimmel, Case and Porterfield. While these men did not make letters, they played their best on the scrub team, without which, as everyone knows, there could be no Varsity.

Of course Wright and Captain Bohn are going to be greatly missed, but with Signer to pilot next year's team and with Bulger, Rholoff, Harris, Case, Kimmel and Porterfield back in harness, our chances for a winning Conference team appear to be very good.



Golf

Golf is, as yet, still in its infancy at the School of Mines, but judging from present indications and from the interest shown in the past year, that recreation bids fair to become one of the leading attractions here. The greatest obstacle encountered so far toward putting the game in its deserved prominence is the lack of proper encouragement to the beginners. Although there have been several tournaments here, those just learning the game have felt that their efforts in any competition would be useless, and they have consequently left the field open to the few men who have played before and who are, for that reason, considerably in advance in the gentle art of swatting the pill in the desired direction. The tournaments, then, have not met with the hoped for success even though the handicaps were liberal and there was an equal chance for all who desired to enter. It is hoped that during the summer term and the early fall there will be offered more opportunities for the beginners to compete on equal terms, and that those who are proficient at the game will encourage the "dubs" and see to it that interest in the game is kept alive until more of the men fall victim to the "golf-bug".

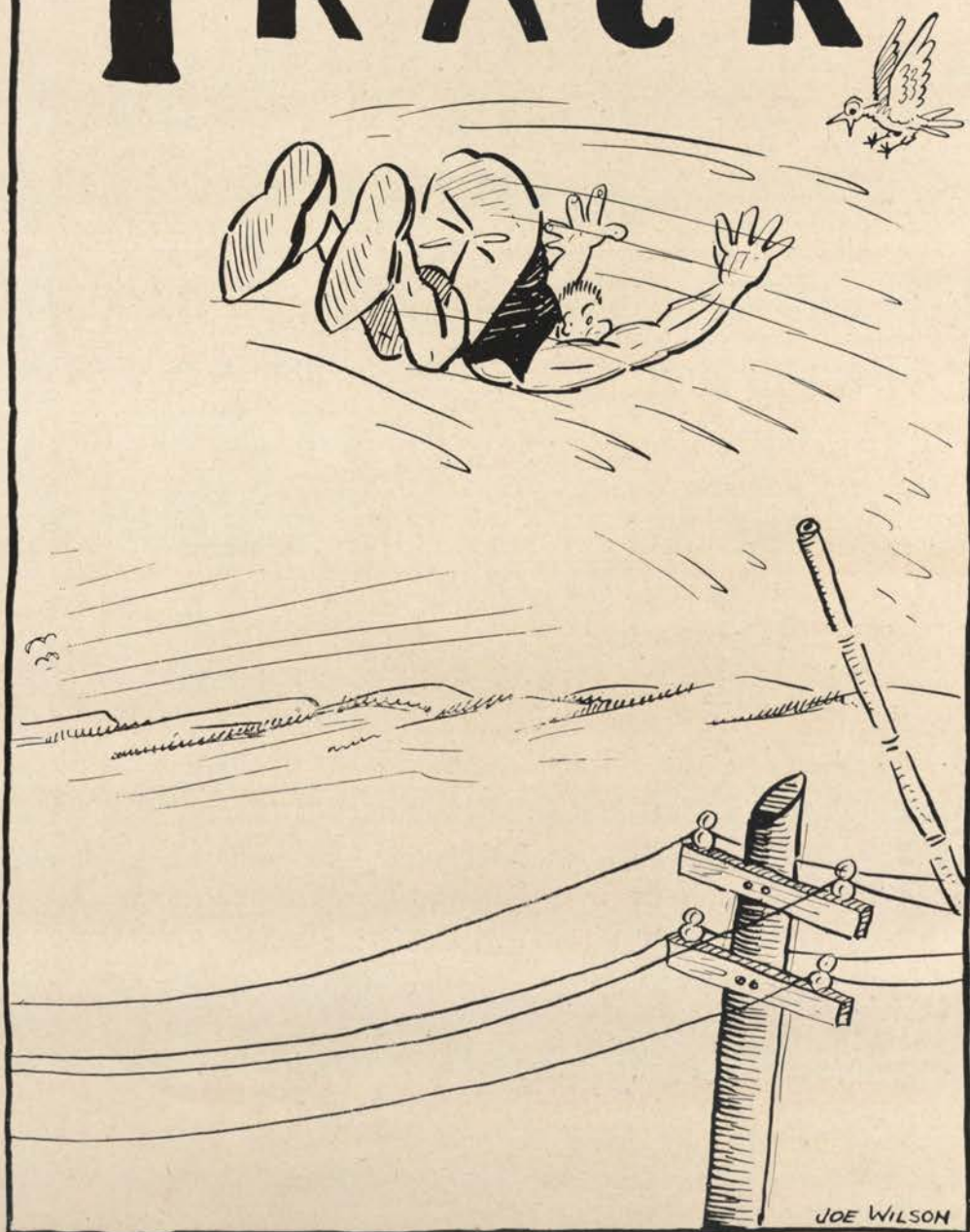
Although the course is some distance from town and is not yet showing evidences of that green, billowy smoothness so characteristic of established golf courses, a great amount of pleasure may be derived from placing a good, clean shot close to the pin. A great point in favor of the course is found in the lack of monotony. One's ball never lies the same way twice. In golf circles it might be called a sporty course. When the new nine holes are added and the club-house is built there will undoubtedly be increased activity on the links, especially if the club house contains a "19th hole". We are impatiently looking forward to the completion and perfection of our latest playground.

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TRACK



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Track---1919

MINERS 87

DRURY 21

Normal 18

The track season was unusually short this year, due to the closing of school one month earlier than usual. For this reason we were unable to schedule but one meet, which was a triangular meet with Drury and the Southwest Teacher's College. The events were staged on Jackling Field. The day was ideal and the Miners had the Old Time Pep. All the events were pulled off in true Miner style and there were only three events out of thirteen in which our opponents could find a place. These three firsts were all made by Drury. The final count proved the Miners to be 66 points above their closest opponent.

First places were won by the following men:

100 Yd. Dash	10:20	Bohn	Miners
120 Yd. Hurdles	17:00	Brazill	Miners
220 Yd. Hurdles	26:40	Grossenheider	Drury
440 Yd. Dash	55:00	White	Miners
Relay	1:37:20		Miners
Pole Vault	10'	Needham	Miners
High Jump	5.2'	Gideon	Drury
Broad Jump	20.9'	Aid	Miners
Shot Put	36'	Stevens	Miners
Discus	85.9'	Windle	Drury
Half Mile	2:11	Kjellberg	Miners



ROLLAMO



A collage of 30 black and white photographs from the 1920s, arranged in a grid-like fashion. The photos depict various scenes: people in formal attire (tuxedos, gowns), outdoor activities (skiing, swimming, boating), group portraits, and individual portraits. The images are set against a dark, textured background.

ROLLAMO

INTERESTING
THINGS

ILLUSTRATED
CALCULUS
—DEAN—
(WITH JOKES)

MINERS

JOE M. WILSON - '21



ROLLAMO



To the making of college annuals there is no end and to the striving to make them different there is no limit. It may be said however, that they fall into two kinds: those whose chief aim is the photographic reproduction of intimate scenes of college life, and those whose object is to maintain a somewhat just equilibrium between the photographic and the literary.

In the present book we have striven for the latter classification. As for the pictures, the staff photographer and the cartoonist have left nothing undone in the presentation of their part of the work—their merit speaks for itself. In the reading matter, or the more literary aspect of the volume, many hands have shared; and though the product may not be literary, it has been conscientiously done and we offer no excuses for its shortcomings.

We claim no originality—the volume is only a record of what you as students have done during the year. And if you are not satisfied with it, you might ask yourselves if you have done all you could and if your cooperation has at all times been of the most hearty and generous nature.

Perhaps a word is necessary in explanation of the increased price of the present book. A college annual must be self supporting. The Rollamo Boards of the last two years have been successful in this respect. But with the increased cost of everything that goes into the making of books, the expenses of publishing the



ROLLAMO

1920 volume have increased. To meet these, an extra effort has been made by the business department to increase the income not only from advertising but also from a much larger distribution of the books among the Alumni. Their labor and success in this respect makes it possible to ask for only a very nominal advance in the subscription price of the book.

We present the volume as a reflection of the events at the Missouri School of Mines during 1920 as we have seen them. Of course we have received much aid, and we desire to express our sincere thanks to all who have, consciously or unconsciously, helped. We are however, especially indebted to Edward Kahlbaum, Registrar, for the untiring assistance he has given the business department and the editorial staff, and to Mr. G. E. Ebmeyer for his contributions and for the continuous interest he has shown in our work since he left school.



Armistice Day Celebration

Armistice Day, Nov. 11, 1919, was set aside at Missouri School of Mines to celebrate the cessation of hostilities a year ago and also to commemorate the M. S. M. heroes who died while in their country's service. As no classes were held on that a pre-arranged program could be carried out with little trouble.

A large percentage of the old ex-service men appeared in full uniform, some wearing two or three gold chevrons, and many wearing wound chevrons. School was forgotten for a few hours and they were in the army again. Most of the school cadets were also in uniform when the companies assembled on Jackling Field at 10 a. m. Two companies of cadets and one of ex-service men, formed the battalion of which Major Wild had charge.

This battalion was marched to Parker Hall where the morning exercises were held. Singing by a selected chorus, short speeches by Dr. McRae, Capt. Ambler '17 U. S. Army, and Rev's. C. S. Hanby and Tragitt, comprised this program which was concluded at 12 m. Senator Frank Farris who was to have given an address could not be present.

In the afternoon a rifle and pistol contest was held which was won in both cases by the R. O. T. C. men. After this came the competitive drill between picked platoons of ex-service men and R. O. T. C. cadets. Capt. H. Stevens led the R. O. T. C. men, while ex-First Lt. "Pat" Murphy led the ex-service men. It was a walk over for the ex-service bunch who put on a snappy drill and gave the young cadets something to think over. One or two years intensive army training showed its results in the military appearance of the old timers' drill.

The last formation of the day was "Retreat" and a battalion parade lead by John Scott's Rolla Band. Everybody voted the day a success with the hope of making it an annual affair at M. S. M.



ROLLAMO

ARMISTICE DAY



St. Patrick's Day

On Friday March 19, the true spirit of old M. S. M. burst forth again in celebration of St. Patrick's Day.

Despite the weather conditions, the parade and knighting ran off as scheduled. In accord with all former events, St. Pat. and his attendants arrived in Rolla at 9:30 A. M. The Royal Car took its place at the head of the parade, followed by twelve cars carrying the members of the Senior Class. Then followed the floats with burlesques on the faculty and events around the school. Individual students were far above the ordinary and although our ever present knockers said the parade would be the same as always, the Junior Class should be commended on its additions of new and different ideas. The entire student body also certainly did their share to make this celebration better than ever before.

After the parade, the knighting ceremony was held in front of Parker Hall, the mysterious magician of India producing the Blarney Stone. Fifty-six seniors, two members of the faculty and a former Miner, James A. Gregory, were knighted by the venerable old Hibernian St. Patrick—A. B. Needham. After being congratulated and kissing the blarney stone, those knighted were presented with certificates and the official Guard of St. Patrick Pins. J. P. Colbert and E. M. Guy were attendants and Vance Webster and Robert Grady acted as Pages to the Ruler of the Day.

In the afternoon the class of '21 gave the best minstrel that has ever been produced by students of M. S. M. Care was shown in the selection of various men for their respective parts and the selection proved to be very good. Besides the students who took part Miss Helen Baysinger and Mrs. Singleton proved most excellent as accompanists.

The climax of the day was reached in the grand masquerade ball at Jackling Gymnasium. Long before nine o'clock the allotted space for spectators was filled and by nine o'clock wonderfully costumed dancers could no longer remain quiet to the irresistible music of William's Orchestra. Each year has found the gym more elaborately decorated and so it was this year. Wonderful effect was obtained by the use of subdued lights, falling on green, white, and yellow crepe paper with a large shamrock suspended above the center of the floor.

When the trumpets sounded at eleven o'clock the dancing was suspended by an inconvertible Kow-Tow! from St. Pat. After taking his place on the throne



ROLLAMO



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the former St. Pat's Queens entered: Miss Helen Baysinger '15, escorted by V. I. Keeter and W. F. Netzeband; Miss Mary McCrea '16, escorted by L. E. Lumpkin and J. C. Salmon. Following these came the 1920 Queen of St. Patrick—Miss Nancey Love escorted by A.F. Delaloye and W. R. Denison. Miss Mary Johnson and Master David Howerton were train bearers of the Queen. Following the crowning of the Queen came the maids of honor, Miss Martha Pillman escorted by H. A. Hollingshead, and Miss Billie Farris, escorted by H. O. Norville. The Grand March then followed, led by the Hon. Mr. and Mrs. F. H. Harris and Professor and Mrs. L. E. Garret. After this the masks were removed and programmes made out for the dance which lasted until 4:30 A. M.

The dance Saturday night was even better, the orchestra having lost none of its pep and the crowd showing no signs of the preceding ball. As mid-night approached and the final selection was played a sigh of regret swept over the entire crowd as they realized that the greatest event on the Miner Calender was soon to be a thing of the past.



ROLLAMO

St. Pat's Day



ROLLAMO

Junior Class Play

On Friday, February 13, at 8:15 p. m. the curtain arose on "Billie" a comedy in three acts presented by the Junior class for the benefit of St. Pats. which proved a great success and received much applause from the time the curtain rose until the closing embrace.

Too much favorable comment can not be given the cast. Each and every one of them played an excellent part and not one failed to draw an undescribable applause from the audience which far outnumbered any ever seen in Parker Hall.

The play clearly brought out the predicament a foot ball hero is in after he has lost his teeth and is trying to keep his fiance from knowing it. It also showed the true love which exists between mother and daughter and brother and sister; the picture of the jealous tale bearing rival, and the superstitious and romantic life of the sailor.

Also the Junior Class owes unlimited praise to G. F. Rackett, and H. H. Armsby for the part they took in directing and preparing the play.

CAST OF CHARACTERS

Beatrice Sloan	Nancey Love
Mrs. Sloan	Martha Pillman
Alice Hargrave	Mary McCrae
Bill Hargrave	M. P. Brazil
John Hargrave	H. H. Armsby
Mrs. Hargrave	Billie Farris
Sam Eustace	E. M. Guy
Captain	R. C. Schappler
Doctor	H. E. Diers
Boatswain	Pemberton Gordon
Sailor	F. A. Kaullen
Steward	S. H. Stewart
Stewardess	Mrs. Juanita Kinney

STAFF

Director	G. F. Rackett
Business Manager	H. O. Norville
Stage Manager	H. H. Armsby
Stage Carpenter	A. F. Delaloye
Stage Electrician	H. H. Armsby



ROLLAMO



THEATRE

ROLLAMO

Green Cap Day

The night of Friday August 29 returned to M. S. M. what was thought to be an object of ancient history. It was on that night that a few of our verdent strangers, who a few days previous had bid farewell to their relatives and to the one they hated to leave behind, ventured forth upon the streets of the city of Rolla. However a few minutes after arriving on the streets they found that such things as rope, barrel staves, fountains, and the Frisco pond were not things to be talked about but things that could actually be seen. From that time until the following Thursday it was best for the freshman's health if he remained in his room after dark.

Sunday, September 7, between four and six o'clock small groups of strangers could be seen hiking toward the fair grounds and about seven o'clock a fairly large group had gathered on the grounds, and had started the usual precedent of burning up the fence posts that had been replaced since the previous class had visited the place.

The following morning about eight o'clock this motley crew arrived in town. Each and everyone of them kept good time to the tune of hep hep hep, and it was evident that the sophomores had taught them how to keep step.

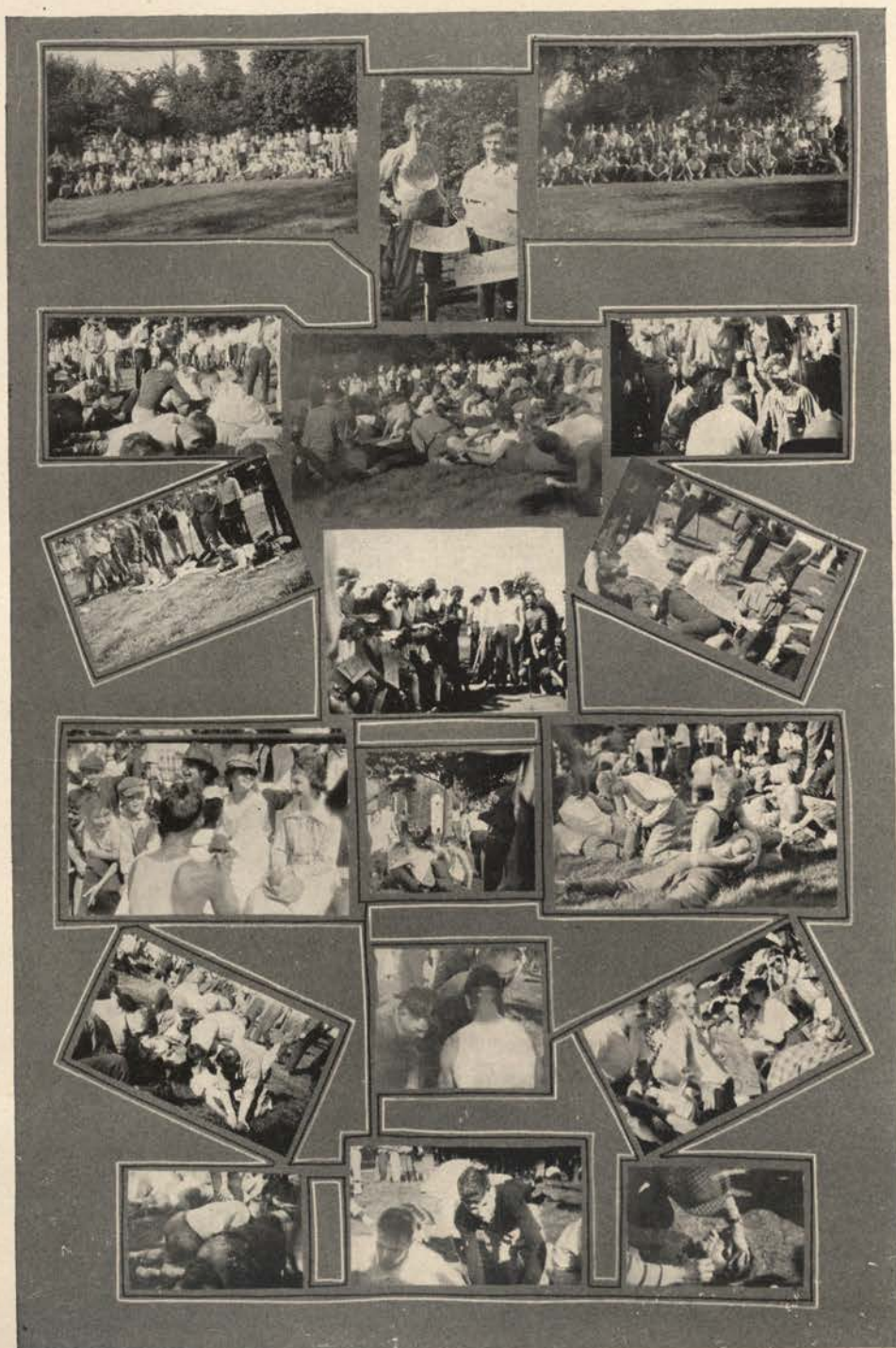
Promptly at 9 o'clock, with the sophomores on the North side of the campus and the Freshmen on the south side, Ebmeyer stepped forth and gave the signal to start. The clash showed to all those present that there was good foot ball material in both classes, and real fighting followed for 17 minutes when all the freshmen were tied.

As usual a carnival was staged on Jackling Field after the fight and the freshmen went through their stunt very willingly, the most amusing being proposals to some of the B's, singing of solos, and eating molasses.

In the evening the sophomores entertained with a good smoker which brought the entire school together and displayed the real old Miner pep.



ROLLAMO



ROLLAMO

The Senior Trip

An unusual treat was in store for the Seniors when it was decided to have the annual trip in conjunction with the A. I. M. M. E. Convention in Chicago from Sept. 21 to 26, 1919. In accordance with prearranged plans due to Prof. Clayton's efforts, we had a special pullman leaving St. Louis over the C. & E. I. at 11:30 P. M. Sept. 21st. An all night "bridge party" was the only feature of the trip to Chi. which was reached at 7:30 A. M. Sept. 22nd.

Bill Oyler '19 and Gerald Rackett acted as a reception committee and piloted most of the boys to the Y. M. C. A. hotel on So. Wabash St. Others stayed with friends and merely used the Congress Hotel stationery when writing. After a hurried breakfast we all assembled at the Convention Headquarters, Congress Hotel, and signed up for the trip and events we expected to attend. All Miners signed up for the Smoker and Banquet.

"Thorny" and several other Miners took in the Loop District and finally had to admit that the buildings were slightly taller than those located in the corresponding district of Rolla. Stops were made at points of interest behind swinging doors where chemical solutions were tested. At 11 A. M. most of the boys were on hand to take in the first of the lectures on "Mine Taxation" by Dr. L. C. Graton of Washington D. C. The Coal and Gas session was also attended.

The afternoon sessions on Coal and Gas and Geology were also well attended and Webb fell asleep again. In the session on geology a controversy between two State geologists enlivened matters. On account of the steel strike at Gary, Indiana, that trip was called off and most of the men visited Hammond, East Chicago and South Chicago smelters and chemical plants. Others took in the Chemical Show at the Coliseum or visited the Stock Yards.

Wednesday, Sept. 24th, was given over to Symposiums on Sulfur in Coal and Pyrometry. There were also sessions on Iron and Steel and Non-Ferrous Metallurgy. At 7:30 P. M. the big banquet started and Prof. Clayton did not have to check over the roll for this event. The Miners were all there—fourty four of them—and they did ample justice to all of the courses. Many excellent after dinner speeches were made and we were again given the opportunity of listening to Chas. M. Schwab, one of the big "Guns" in the steel industry.

On Thursday we boarded the Rock Island Special for LaSalle, Illinois. At La Salle a luncheon was given at the Hotel Kaskaskia after which autos took us on the various side trips. Most of the men took the industrial trip, while others took the mining and geological trips. Our homeward journey started at 5 P. M. and we arrived in Chi. at about 8:30 P. M.



ROLLAMO

The Friday trip to Milwaukee to visit the Allis-Chalmers plant was instructive in every respect. This is truly a wonderful institution, and the time was too short to get anything but a rapid survey of the immense workings. John Morris '19 was the official guide and he did much to make the trip an enjoyable one. While most of the Seniors went to Milwaukee there still were some twenty odd who took in the coal trip to Franklin County, Illinois coal fields. This trip was under the personal direction of Mr. Carl Scholz, the foremost authority on coal mining in the U. S., and was intensely instructive from all angles.

Leaving Chicago on Thursday evening over the C. & E. I. we again arrived at Benton at 7:30 A.M. Friday, where, after partaking of breakfast, we boarded a special train of locomotive and day coach bound for several of the larger coal mines of the district. The Big Ben, Orient and Valier Mines were visited; in the latter one the party took in the surface and underground workings. The large electric hoist and concrete tipple were the main features of this mine. After the inspection we were taken to Christopher, Ill. where we took the I. C. into St. Louis and the Senior trip became a thing of history.



Chemical Engineers Trip

The Chemical Engineers left Rolla Sunday, April 7, for St. Louis to make their annual inspection trip, with the exception of Millar and Badollet who had taken their private car the day before.

Sunday evening was spent in acquainting the "country boys" with the city ways.

Two Metallurgical plants were visited Monday, the National Lead Co. and the Granby Zinc Co. for the benefit of the Metallurgists.

Tuesday the Chemists betook themselves to the Certain-teed Products Co. roofing plant in East St. Louis. This plant was one of the most interesting on the trip. The party was the guest of the company for luncheon. In the afternoon the men were taken by automobiles to the varnish plant.

Wednesday morning the Meyer Bros. Drug Co. was visited. The boys learned some of the Barleycorn substitutes; also Howald took great delight in showing the girls his new jumpers. After such strenuous work, it was decided to take a half holiday, which was spent in different ways such as the Gayety, Grand Opera and the Bevo plant. All reports were very favorable.

The Commercial acid and the National Stamping and Enameling companies were visited Thursday. Several of the boys cut the afternoon, Howald seeming to be the leader of the insurrection.

Mallinckrodt Chemical Co. was taken in on Friday morning. After refreshing ourselves with "Hek" we adjourned for luncheon. The afternoon was spent at the Provident Chemical Co.

Saturday morning was greatly enjoyed by several of the chemists at the utensil department of the National Stamping and Enameling Co. of Granite City. Noticing the large working girls employed, Ed. Williams said, "No working girl for mine, she's too husky".

The gang had thinned out considerably by Saturday afternoon. However a pleasant trip on the Broadway car to the Laclede Gas Co. By-Products plant was indulged in by several of the men.

The entire trip was a success in every way, being both instructive and interesting. The following men made the trip: C. A. Gettler, E. A. Williams, A. M. Howald, K. K. Kershner, C. J. Millar, W. J. Finley, M. S. Badollet, and H. Taylor. Dr. Turner and Prof. Dunlap deserve much credit for their selection of the plants inspected.

The following old "Miners" were found in charge at several of the plants: Rossman, Wauder, and Williams.



ROLLAMO

“Stop Thief”

Presented by the Students of the Missouri School of Mines for the benefit
of the 1921 Rollamo.

THE CAST

Mr. William Carr	Mr. Rudolph Schappler
Mrs. William Carr	Miss Martha Pillman
Ivan	Miss Billy Farris
Caroline	Miss Hazel Dent
Madge	Miss Nancey Love
Nell	Miss Wilma Brown
Mr. Jamison	Osher Goldsmith
Jack Dogan	Mr. F. A. Kaullen
Dr. Willoughby	Mr. H. H. Armsby
James Cluney	Mr. William Stewart
Detective Thompson	Mr. T. G. Weir
Police Sergeant	Mr. J. P. Gordon
Clergyman	Mr. V. L. Whitworth
Clergyman	Mr. J. M. Wilson
Police Officer	Mr. Sam Stewart
Police Officer	Mr. F. P. Matlack
Chauffeur	Watkins

Place—Mr. Carr's residence in Providence, Rhode Island.

Time—Spring.

Action—Continuous.

Acts—Three.

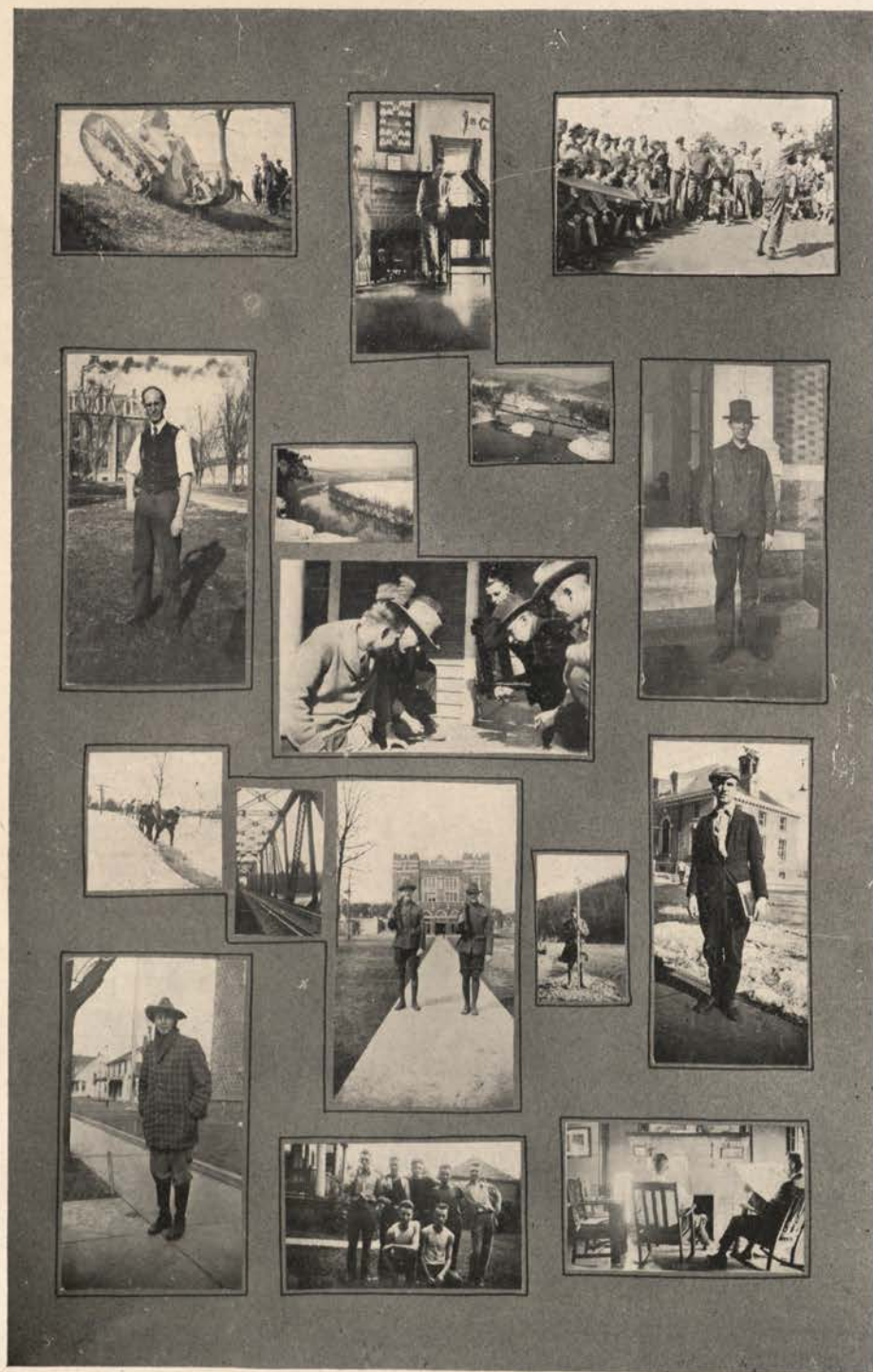
STAFF

Director	Gerald F. Rackett
Stage Manager	G. F. Rackett
Properties	Armsby and Schappler
Business Manager	R. N. Place

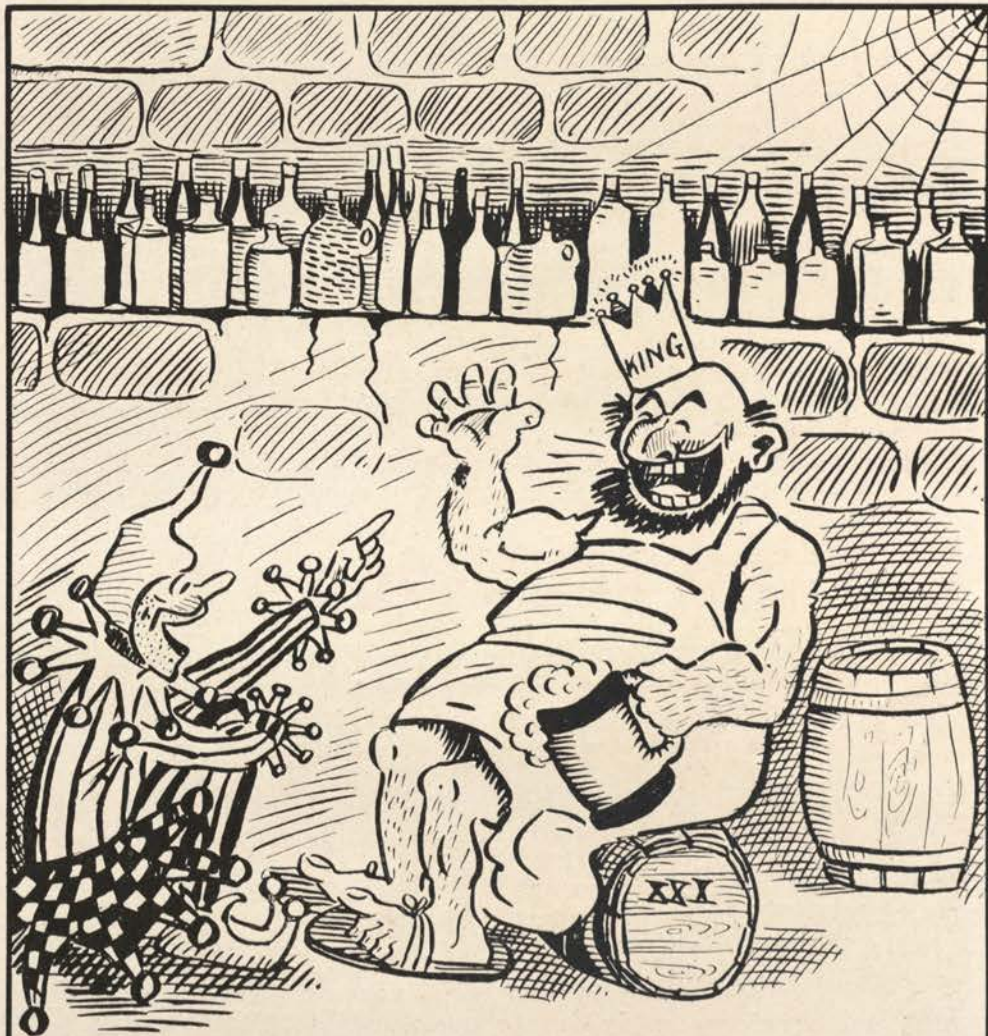
The Rollamo Board is indebted to each member of the cast for their willingness to help present the play. To Gerald Rackett and H. H. Armsby are they particularly grateful for their unfailing school spirit and their loyalty to all enterprises which tend to the promotion of student activities.



ROLLAMO



ROLLAMO



WIT N' HUMOR.

JOE M. WILSON-21



ROLL AMO

Prof. in Geology—Does the moon affect the tide?

Student—No, The Untide.

He—I like a girl that can take a joke.

She—Then you stand a fine chance of being accepted.

So you knew my son Albert in college did you?

Sure, We slept thru the same Geology class together.

Hughes—Whats Auto Intoxication?

Hollingshead—I guess that is when you have to buy your own drinks.

Freshman—Have you any mail for me?

Rucker—What is your name?

Frosh—You will find it on the envelope.

Visitor—What are those engineers laughing at?

Frosh—Some more of that slip stick comedy I suppose.

Why is a class room like a Ford?

Because it has a crank in front and thirty or forty nuts behind.

Dr. Barley (In English)—Hunt, Please repeat the following quotation “Then come and kiss me, sweet and twenty, youths a stuff will not endure”.

Hunt—(Somewhat excited)—Come and kiss me, sweet patootie, this rough stuff is just veneer.

MODERN MATH

He was teaching her arithmetic;

He said it was his mission;

He kissed her once he kissed her twice,

And said “Now thats addition”.

And he added smack by smack in silent satisfaction

She timidly gave him one back and said “now thats subtraction”

Then he kissed her and she kissed him without an explanation

Both together said “Now thats multiplication”

But dad appeared upon the scene and snorted in derision

And he kicked him three blocks down the street

Now thats long division.

Cunningham—I don’t suppose you’d take his weight in gold for your new baby, would you?

Bardsley—No I would hardly like to sell out below cost.

Cairns (The day after St. Pats)—I use to wear out my shoes when I danced.

Needham—What do you do now?

Cairns—I wear out my vest.

ROLLAMO



ROLLAMO

Patterson—You want your eyes open around here today.

Visitor—What for?

Patterson—Because people would think you were a darn fool if you went around with them shut.

McGirl—Guess I better take a bath tonight.

Guy—Oh I think you would loose ground by doing so.

He—Won't you miss me after I am far away?

She—No, I'll always think of you as very close.

Prof. Forbes—What is a mine?

Kenney Wright—A hole in the ground owned by a liar.

Prof. to fickle Junior—Why are you so far back in your work?

Junior—So I can pursue them better.

Landlady—There is a woman at the door sir.

Forman—Chase her off I don't want to buy any women, what do you think this is a harem?

Fresh—I've got a terrible cold in my head tonight.

Junior—Didn't you see the doctor.

Frosh—Well I went down and it said 10 to 4 on the door and I figured the odds were to great.

IT NEVER HAPPENS IN LIFE

"Her eyes fell"

"He caught her glance"

"His lips curled"

"She stood rooted to the spot"

"Her foot twinkled like little mice".

Mrs.—"Dear! Dear! What has happened to the baby?"

Cunningham—Oh! He bumped his head against one of the piano pedals".

Mrs.—"Poor little thing did he hurt himself".

Cunningham—"No, it was the soft pedal he hit".

The Vamp—"Do you ever need sympathy"? Don't you ever feel a longing for tenderness"?

Netziband—"Uh, huh. When I order a steak".

Shooper—"Do you keep stationery"?

Floorwalker—"No mam. If I did I would lose my job".

Lady (In Scotts Drug Store)—"Have you cold cream"?

Peanuts—"It ought to be. We keep it packed in ice all the time".

There are two sides to every question—Your side and the wrong side.



ROLLAMO



Police Gazette



A collage of 12 black and white photographs and 3 cutouts of people in various poses, likely from a mid-20th-century yearbook. The photos show individuals in different settings: two people sitting on a bench, a person in a swimsuit, a group of people in a field, a person in a swimsuit, a person in a swimsuit, a person in a swimsuit, a person in a swimsuit, a person in a swimsuit, a person in a swimsuit, a person in a swimsuit, a person in a swimsuit, and a person in a swimsuit. The cutouts show people in various poses, including one person in a swimsuit, one person in a swimsuit, and one person in a swimsuit.

ROLLAMO

The Calendar

1919-1920



AUGUST

29 Many old miners begin to come in on side-door pullmans to sign up.

30 "Frosh" begin to get hazed—Stopped by Doc. Baysinger.

31 The "cut" and the mine become popular.

SEPTEMBER

1 Our first mass meeting (Special), many old miners including J. I. Walsh, Ebmeyer, Murphy, and Stoner give us a little talk.

2 All classes vote for hazing, including the Freshmen.

3 Party of 19 freshmen are ran thru a gauntlet into Frisco Pond. All the "B-B-B's witness the occasion.



4 "Fat" Laun makes his usual threat to start perusing the text.

5 Fussing Rollies 400 formally starts.

6 "Frosh" have an explosion in chem. lab.

7 Freshmen start to fair grounds in afternoon, WHY?

8 Sophomores win class fight in 14 minutes. Soph. smoker a success.



9 "You may be takin' kitchen mechanics but no cook book directions in Kal-Ku-Lus, Dean.

10 Football squad gets all the work it wants.

11 The "49" Show at the Fair draws many students.

12 "Fat" Laun goes to St. James.

13 Prof. Thornberry fights fire in met. building. Miner Dance.

14 Everybody sleepy, too much dance.

15 Dake lets the "Geologists" off.

ROLLAMO

16 The fashions of Lindenwood again arrive as a few lawn swings adorn the campus. Miners spend time between classes swinging.

17 Dake pulls one of his famous fairytales. Junior class organizes.

18 Open season on spiders.

19 Juniors have charge of Mass-Meeting.

20 Dennie rides the football squad hard all afternoon.

21 Profs and Studes leave on Senior A. I. M. E. trip to Chicago.

22 Miners vs. St. James feud still on.

23 Prof. Dean "raves", knocks the boys off with a quiz.

24 Dedication of Meremac Park—few Miners go to see the occasion.

25 Some Wild Tales of quizzes.

26 Miners visit St. James, given 40 minutes to leave town.

27 Seniors start drifting in on all trains, many from side-door pullmans.

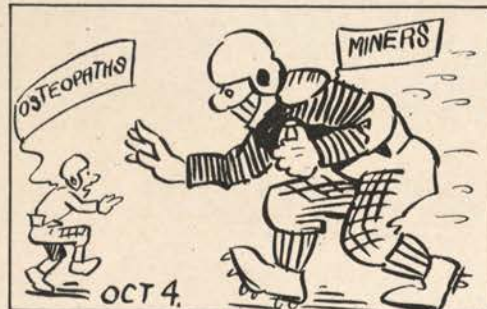
30 "Babe" Dorris goes-a-fussing.

OCTOBER

1 DeCouser, the top soak, executes right dress while in line of file closers.

2 Mildred leaves for Kansas City. Tom Leach seems very lonesome.

3 Prof. Harris does not believe in having the boys cut on him.



4 First Foot Ball game results in victory for Miners over Kirksville Osteopaths 19 to 6.

5 Civil Engineering Society organized.

6 Lost art of calculus revived by Prof. Garret.

7 News of standardizing St. Pat's celebrations received from Columbia. Everybody seems interested.

8 Censored.

9 Football team leaves in cars for Fulton Mo.

10 Dr. Sternberg seems to be neutral on the subject of Bolshevism.

11 Miners win second game. Westminster 0, Miners 54. First bone head session in calculus.

12 Dennie and his warriors return from Fulton in mud laden cars. Never again.

13 Another fair maiden carried away from the city of Rolla. Bill Reber the lucky one this time.

14 Al Laun seen around the campus showing the sights to a strange woman. Oh Boy we envy you Al, who is she?

15 Don't let your studying interfere with your college education.



28 Golfing attracts the students.

29 Circus day once more, see "Big" parade. Many classes dismissed. Dancing girls, MEN ONLY, show draws a big crowd of Miners.



ROLLAMO

Freshmen Smoker tonight. Borrow a pair of field glasses and lets go.



16 Tubby Long finds that he is a poor assayer.

17 Linzer initiated into new organization, F. P. S. (Frisco Pond Society.)

18 Miners o, Arkansas University

20. Metzger and Novak decide that they are poor second story men.

19 Guess who was fussing tonight. I'll never tell.

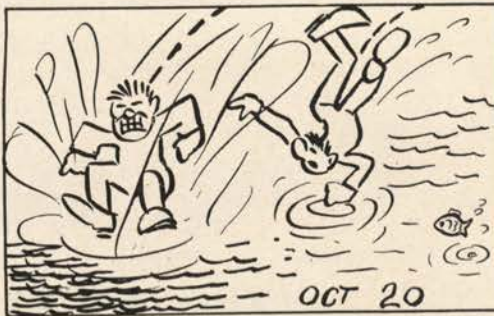


27 Sherman and his two freshman do not prove to be good boes. They "tell that to the Judge".

28 Rollamo show proves to be very good.

29 Preparations are made for the big dance.

30 Many queer looking specimens of aspirant Q. V.'s parading the streets.



20 Linzer takes his second degree in the F. P. S. Thomy takes his first.

21 They say the country is dry. Where did they get it?

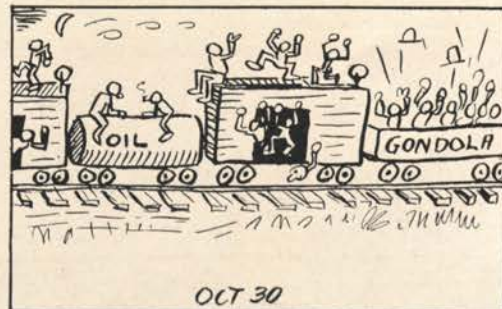
22 Sherman fails in his attempt to be a Geologist.

23 We promised not to tell where we got it.

24 Prof. Forbes had Dennie on the muckstick so he decides that there is not so much work in a C. E. course.

25 We lose the Foot Ball game to St. Louis U. 21 to 0. Watts is badly injured.

26 Almost everybody is buying a ticket to the Rollamo show



30 Trains to St. Louis are loaded both inside and out. We are going to the W. U. game.

NOVEMBER

1 Lost to Washington

2 Frosh learn to swim.

4 Dean's big quiz. Satyr Initiation.

5 Many budding geologists ruined for life—Dake's quiz.

6 Bill Oyler visits Rolla, incidentally M. S. M.

7 Miners lose to Warrensburg.

ROLLAMO

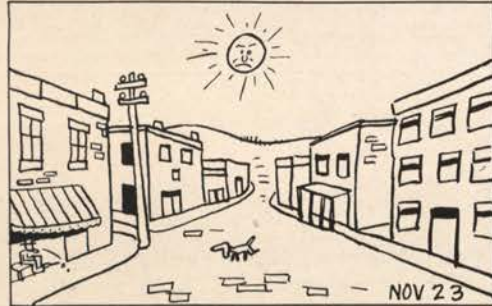
- 8 Alabies. Miners drifting back.
- 9 Barnard loses faith in mankind.
- 10 All artillery brought out and the hunters take holiday.
- 11 Armistice Day—X service men win competitive drill from R. O. T. C.
- 12 Brazill shot a quail, banquet at the Doctors.



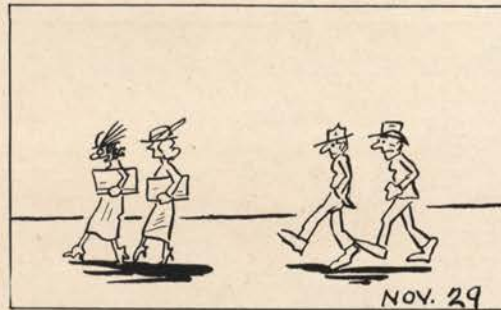
- 13 "Nut quiz" for Frosh.
- 14 Taggart finds that he can't play two hands at once. Miners 32, Springfield Normal 0.
- 15 Claude Harvey and other loyal miners collect.
- 16 Crow, Burnet and party take a ride.
- 17 Hank Owens gets into trouble and out.
- 18 "Kinney" Wright entertains.



- 19 Rollamo Party—Needham particularly appreciative.
- 20 Shanks Moore goes hunting.
- 21 Sophomores and Frosh betting even money.
- 22 Sophs win football game 7-0. Some game.



- 23 Typical Sunday.
- 24 Poker players miss classes.
- 25 Getting ready for Springfield trip.
- 26 "Shrimp" Howell cuts class.
- 27 Miners lose to Drury 12-7. First dry Thanksgiving.
- 28 Mostly Sleep.
- 29 Teachers convention—enough dates for all and then some.



- 30 School again.

DECEMBER

- 1 Monte Carlo care and return of one of the prodigals.



ROLLAMO

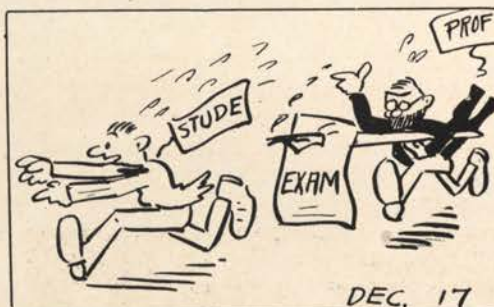
2 Another exodus in calculus for the rest of those who dodged the October disbanding.

3 Coldest day so far—hence the railroad surveying class took their other field exercise. Red Lantern drew a good crowd with numerous whispers.

4 Students volunteer to work in coal fields.

5 Really was a lecture in Parker Hall the few students were present. Draft of Junior class.

17 We realize just how much we know.



18 General attack in Economics geology.

19 Our first regular mass meeting.

20 Final attack, especially in Hydraulics and Mechanics. Withdrawal of all the students except those who can not leave "their work" for the holidays. Sigma' Nu's Dance.

6 Burford's departure and the report broke forth.

7 Unusual attendance at church.

8 Still have coal.

9 Faculty decides just where the student belongs.

10 Even too bad for the Rollamo.

11 First of the Exams.

12 Pep shown at mass meeting.

13 Thoughts of the future only.

14 Last chance to attend church this semester.

15 Beginning of the exam week.

16 Many begin perusing.



JANUARY

1 Happy New Year. Very few Miners in town.

2 Advance guard sign up for the second semester "Menu".

3 More signers of the "Blue book" make their appearance.

4 Murphy chaperones a bunch of clever young miners without suffering casualties.

5 Bang—they are off for the second semester "credit hunt".

ROLLAMO

6 Run on Kaulbaums office to pay fees and see the grade book.

7 Stragglers still signing up.

8 Prof. Armsby acts as "coroner" at the cremation of the city surveys made by his Freshman surveyors.

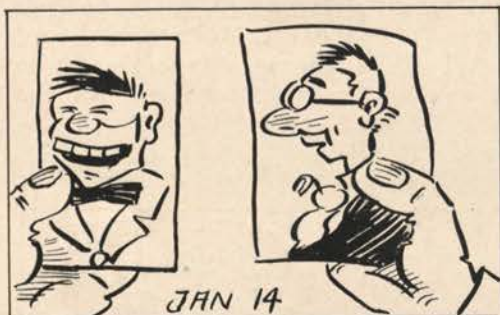
9 Mo. Miner opens a campaign for a football coach for the 1920 team. "Snutz" Miller is bested in an indoor contest.

10 Doc. Cox goes down to Tulsa to close contract for "post holes".

11 Rev. Fiske "knocks off" a bunch of religious miners with his sermon on "Prohibition".

12 Miss Thelma Ferman.

13 Dr. Cox and Niece agree on a few things in the "Comical" geology class.



14 Miners rush to have their profiles "shot" by the town photographer.

15 Warrensburg 31, Miners 24.



16 Football "M" sweaters awarded at meeting. Capt. Hoppock made a speech. Q. V. luncheon served "a la carte".

17 Lambda Chi's defeat Independents and get into finals for school championship. Sigma Nu's defeat Kappa Sig's same day.

18 Wright and Ebmeier seen in secret conversation—must be a scoop.

19 Thorny switches attack in Senior Ore Dressing—crowd up men.

20 Junior play posters make appearance all over town.

21 Prospector's trounce Sigma Nu's 31-12 and land in finals of basketball tournament.

22 Harry H. Nowlan '13 talks to Seniors on Psychology. All Seniors are examining each others heads for bumps, etc.

23 Miner dance at Jackling Gym. 40 couples attended. Tau Bait's given ribbons in Mass meeting.

24 Miners 10, William Jewell 39. Lambda Chi's give dance.

25 Time: As No. 4 is about to pull out.

Place: Grand Central Station—Rolla. Scene: Starving in the midst of plenty.

(all other miners except Knight and DeCouser.)

26 Many pros and students suffering from a mild attack of the flu.

27 Miners 18, Springfield Normal 34. Case and Signer star for Miners. Babe Dorris decides to leave school.

28 Miners 14, Springfield Normal 48. "Horse Shoe" Dickerson goes over the hot sands in Springfield.

29 Miners 13, Drury 15.

30 Lambda Chi's defeat Prospectors in a hard fought game for the school championship by a score of 16-7.

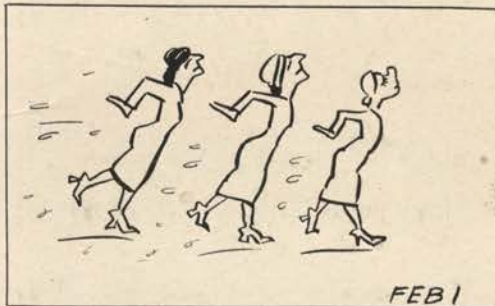
31 "Eb" and Dan Beyer leave town.



ROLLAMO

FEBRUARY

- 1 Caste of "Billy" strikes.



- 2 Ten Miners accused of being gentlemen.
- 3 "Boots" quizzes the C. E.'s.
- 4 First victory of the season Miner 14 Cape Girardeau 12.
- 5 Geology department takes choirs away from the students.



- 6 Fifth anniversary of the Miner.
- 7 Ten Gentlemen interviewed and admit their guilt.
- 8 Death of Frank Johnson—first St. Pat.
- 9 H. G. S. Anderson visits Rolla and starts the 400 talking.
- 10 Students boost Farris for governor.
- 11 Frosh have mutual admiration meeting.
- 12 Miners play Central Wesleyan and loose 39-19.
- 13 Faculty gets sore about Mass Meetings.



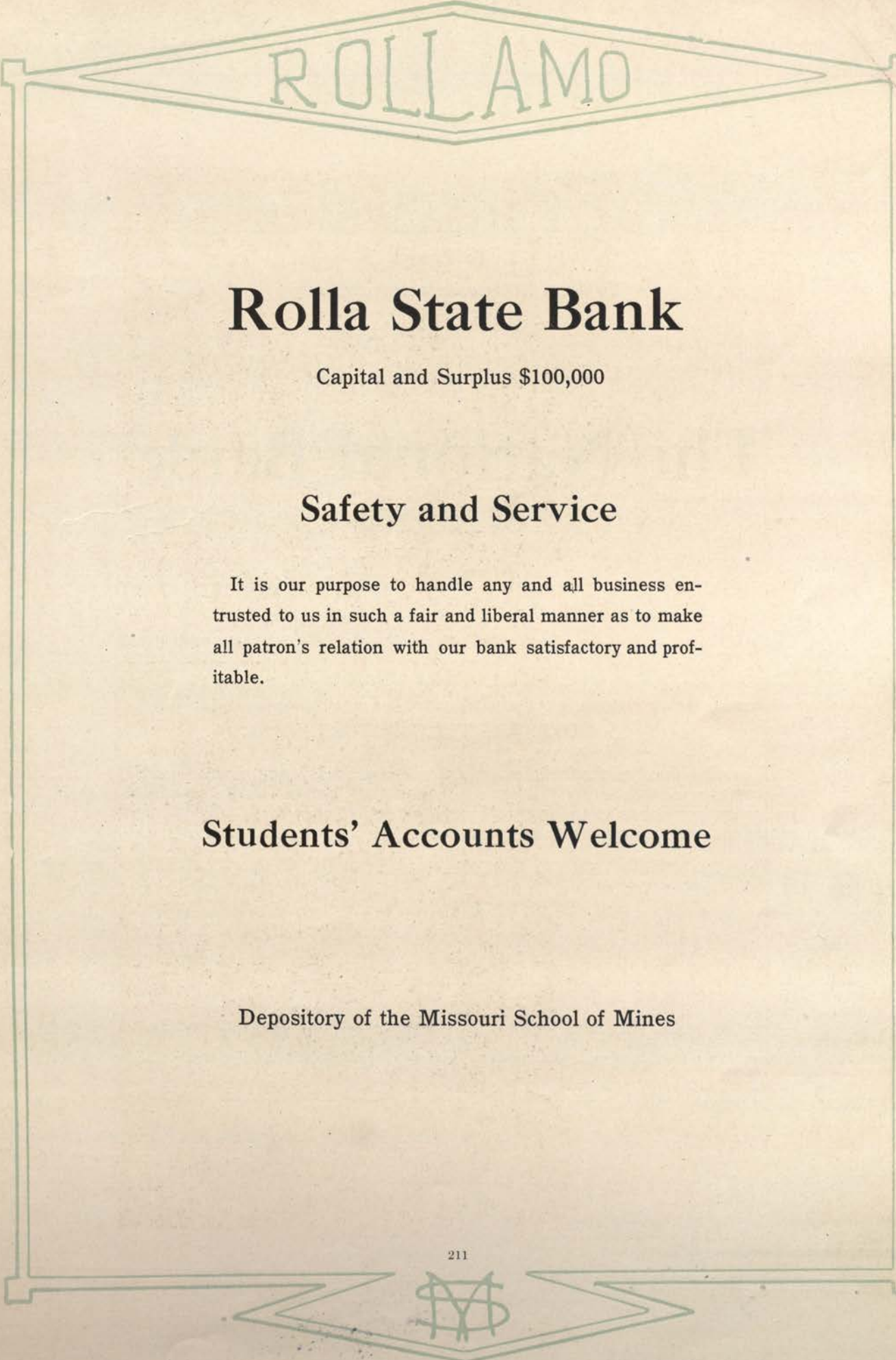
- 14 Linser gets pinched, and is let loose by Whiskers.
- 15 Johnny Howendobler visits Fritz Kreisler.
- 16 Taggart finds the square root of 15 to be 2.5 by slide rule.
- 17 Track candidates practice in various costumes.
- 18 Central 36, Miners 28.
- 19 Seniors knocked off in Metallurgy of copper.
- 20 Fifth Miner Dance.
- 21 Herald Special announces the engagement of Mary McCrea.
- 22 Washington's Birthday. Memorial services honoring Phelps County heroic dead.
- 23 HOLIDAY.
- 24 K. A. Dog visits Kappa Sigs.
- 25 Several frosh kicked out of the Army for insubordination.
- 26 Faculty starts their annual crusade against crime.
- 27 Frosh delight student body and scandalize the profs.
- 28 Annual house cleanings. H & S Pool benefit.

MARCH

- 1 Flag at half mast in honor of Sgt. Rosenthal.
- 2 Suspension of two Kaydets.
- 3 Miners 21, Drury 19.
- 4 Tau Beta Pi initiation and banquet.
- 5 Miner Dance. Faculty Pow-Wow. Senior Tabasco entertains large audience.
- 6 Theta Tau initiation and banquet.

ROLLAMO





ROLLAMO

Rolla State Bank

Capital and Surplus \$100,000

Safety and Service

It is our purpose to handle any and all business entrusted to us in such a fair and liberal manner as to make all patron's relation with our bank satisfactory and profitable.

Students' Accounts Welcome

Depository of the Missouri School of Mines

ROLLAMO

To Be Strong

To Be Liberal

To Be Prompt

To Serve its depositors well and truly
is the policy of

The National Bank of Rolla

Capital \$50,000

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GOVERNMENT DEPOSITORY

A service based on the facilities and experience gained during nearly a quarter of a century is extended by this bank. We feel that, because of this experience, we are in a position to extend every aid and assistance to our friends and customers, consistent with sound banking methods.

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H. W. Lenox, President

David E. Cowan, Vice-President

P. H. McGregor, Cashier

W. J. McCow, Assistant Cashier

Floy W. Webb, Assistant Cashier

F. A. Cameron, Assistant Cashier



ROLLAMO

The Student's Store

HARVEY & SMITH
Across from the Post Office

EVERYTHING FOR THE STUDENT

ATHLETIC GOODS

BOOKS

Drawing instruments and materials
Stationery

Cigars and Tobaccos

Soda Fountain

Billiard Hall in Connection

We aim to make our place the finest resort of its kind in the country.





ROLLAMO

CROWELL ROTARY AIR COMPRESSORS
AND VACUUM PUMPS

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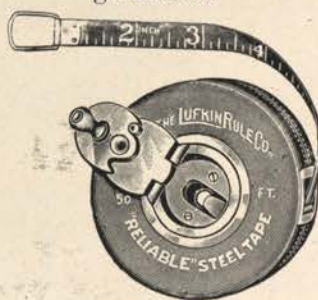
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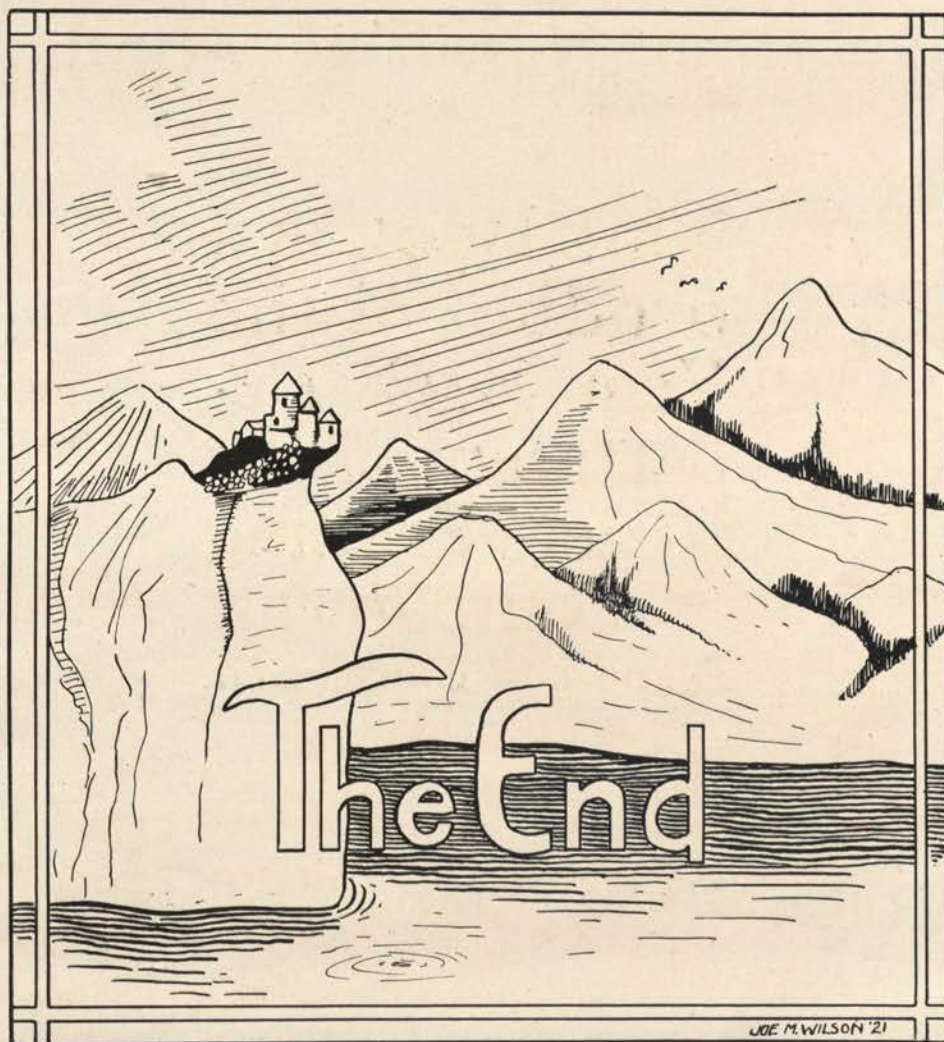
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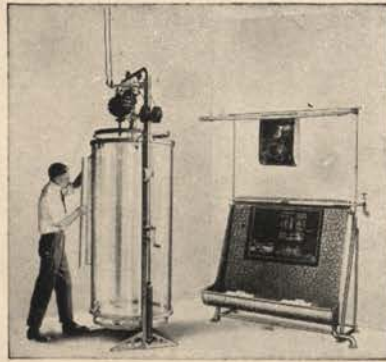


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